

LAKE FOREST COLLEGE BULLETIN

Volume 5

MARCH 1927

Number 3

Lake Forest College



Catalogue 1926-1927

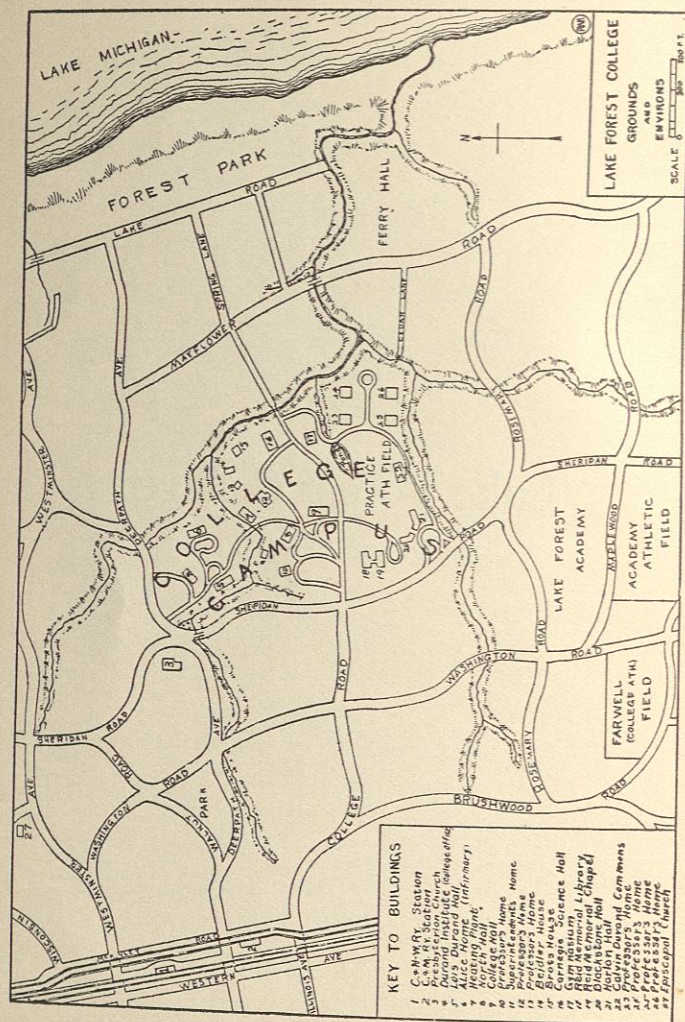
Including announcements for 1927-1928

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Lake Forest College

Opened in 1876



Lake Forest College Bulletin

Volume 5

MARCH 1927

Number 3

FIFTY-FIRST ANNUAL CATALOGUE of LAKE FOREST COLLEGE

For the Year
1926-1927

Lake Forest, Illinois

All correspondence relating to the College
should be addressed to the

PRESIDENT'S OFFICE
LAKE FOREST COLLEGE
Lake Forest, Illinois

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1927

1928

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COLLEGE CALENDAR

COLLEGE YEAR 1926-27

1926

September 20	Monday,	} <i>Registration Days.</i>
September 21	Tuesday,	
September 22	Wednesday (8 a.m.),	} <i>See page 45</i>
September 22	Wednesday,	
September 26	Sunday,	<i>First semester begins.</i>
		<i>First chapel exercises.</i>
		Convocation Sermon.
November 24	Wednesday (4:15 p.m.),	} Thanksgiving holiday begins.
November 29	Monday (8 a.m.),	
		} Thanksgiving holiday ends.
December 18	Saturday (12 m.)	
		<i>Christmas recess begins</i>

1927

January 4	Tuesday (8 a.m.),	} Christmas recess ends. Semester examinations.
January 31	Monday,	
February 4	Friday,	} Registration day. Second semester begins.
February 7	Monday,	
February 8	Tuesday,	} Washington's birthday. Spring recess begins.
February 22	Tuesday,	
April 2	Saturday (12 m.)	} Spring recess ends. Memorial Day.
April 12	Tuesday, (8 a.m.)	
May 30	Monday,	} Semester examinations. Commencement.
June 3	Friday,	
June 11	Saturday	
June 14	Tuesday,	

SUMMER VACATION OF FOURTEEN WEEKS

September 19	Monday,	} Registration days.
September 20	Tuesday,	

COLLEGE CALENDAR

COLLEGE YEAR 1927-28

1927

September 19	Monday,	} <i>Registration Days.</i>
September 20	Tuesday,	
September 21	Wednesday (8 a.m.),	} <i>See page 45</i>
September 21	Wednesday,	
September 25	Sunday,	} <i>First semester begins.</i>
November 23	Wednesday (4:15 p.m.),	
November 28	Monday (8 a.m.),	} <i>First chapel exercises.</i>
December 17	Saturday (12 m.),	
		} <i>Convocation Sermon.</i>
		} <i>Thanksgiving holiday begins.</i>
		} <i>Thanksgiving holiday ends.</i>
		} <i>Christmas recess begins.</i>

1928

January	3	Tuesday (8 a.m.),	} <i>Christmas recess ends.</i>
January	27	Friday,	
February	4	Saturday	} <i>Semester examinations.</i>
February	7	Tuesday,	
February	8	Wednesday,	} <i>Registration day.</i>
February	22	Wednesday	
March	31	Saturday (12 m.)	} <i>Second semester begins.</i>
April	10	Tuesday, (8 a.m.)	
May	30	Wednesday,	} <i>Washington's birthday.</i>
June	1	Friday,	
June	9	Saturday	} <i>Spring recess begins.</i>
June	12	Tuesday,	
			} <i>Spring recess ends.</i>
			} <i>Memorial Day.</i>
			} <i>Semester examinations.</i>
			} <i>Commencement.</i>

SUMMER VACATION OF FOURTEEN WEEKS

September 17 Monday,	} <i>Registration days.</i>
September 18 Tuesday,	

Organization and History of Lake Forest University

In 1855 a number of prominent citizens of Chicago and vicinity conceived the idea of creating a new residence suburb and establishing in it an educational institution that should be near the city, and yet always retain the great advantages of a quiet situation in the country. Accordingly on February 28, 1856, they formed an unincorporated land and college company under the title of "The Lake Forest Association." A site was selected along the high wooded shore of Lake Michigan, twenty-eight miles north of Chicago. Here the Association purchased about 1,300 acres of land. A charter for an educational institution, under the name of Lind University, was obtained on February 13, 1857. By act of February 16, 1865, the name was changed to LAKE FOREST UNIVERSITY, which has since remained the legal title of the corporation. The plat of the town of Lake Forest was recorded July 23, 1857, every alternate lot being assigned to the University for its endowment, and sixty-two acres being set aside as a campus.

The first step taken under the charter of the University was the establishment, in the fall of 1858, of Lake Forest Academy, a preparatory school for boys. College work was begun in 1861, but discontinued after a year on account of the Civil War, which called half of the first freshman class into the field. There followed in 1869, the establishment of a school for girls, Ferry Hall, named in honor of the Rev. William M. Ferry of Grand Haven, Michigan, who left a legacy for the founding of such a school.

The third step in the development of the institution was the opening, on September 7, 1876, of LAKE FOR-

EST COLLEGE. The first class graduated from the College, in June, 1879, entered as seniors in 1878. The first class to enter Lake Forest College and complete the four years' course was graduated in June, 1880.

The Charter of Lake Forest University conveys the broadest powers for the establishment and maintenance of every grade and kind of institution for higher and professional education. A medical department was organized in Chicago as early at 1859, but discontinued in 1864. Some years later alliances were made with certain prominent professional schools in Chicago: in 1887 with Rush Medical College and the Northwestern College of Dental Surgery, in 1888 with the Chicago College of Law, and in 1889 with the Chicago College of Dental Surgery. These relations were subsequently severed; and in 1902 the Trustees of Lake Forest University unanimously decided to abandon all efforts to maintain professional departments, and to confine themselves to the development of Lake Forest College, Lake Forest Academy, and Ferry Hall.

In June, 1925, the Trustees of Lake Forest University arranged for the sale of the two preparatory schools, Ferry Hall and Lake Forest Academy. These schools are now maintained in Lake Forest under private corporations with separate Boards of Trustees. The Trustees of Lake Forest University are directing the development of Lake Forest College.

The founders of Lake Forest were Presbyterians; but while the College has always been in close sympathy with the historic church under whose auspices it was born, the Charter not only specifically forbids all denominational restrictions in the case of students, but prescribes no denominational tests either for Trustees, President, or Faculty. Lake Forest, however, is frankly and unequivocally Christian; founded by men who had profound faith in God, it continues to stand for the essential verities of our common Christian faith, and the effort is constantly made to maintain in the College a thoroughly Christian atmosphere.

BOARD OF TRUSTEES

HERBERT McCOMB MOORE, *Ex-Officio*
President Lake Forest University

TERM EXPIRES IN 1928

Charles Brearley Moore	Evanston
A. J. Hennings	Chicago ✓
Marion W. Woolsey	Chicago ✓
Rev. Raymond Huston	Evanston
Lawrence W. Scudder	Lake Forest ✓

TERM EXPIRES IN 1930

Clayton Mark	Lake Forest ✓
R. Douglas Stuart	Lake Forest ✓
Louis F. Swift	Lake Forest ✓
Rev. Andrew C. Zenos, D.D.	Chicago ✓
Ernest Palmer	Evanston ✓

TERM EXPIRES IN 1932

Alfred T. Carton	Lake Forest ✓
*George Findlay	Lake Forest
Walter A. Graff	Chicago
B. M. Linnell, M.D.	Chicago
Clarence W. Diver	Waukegan ✓

TERM EXPIRES IN 1934

Rev. Frank Fitt	Highland Park
Henry J. Hanson	Chicago ✓
Judge Harry Olson	Chicago
Frank W. Read	Lake Forest ✓
Rev. George Roberts, D.D.	Lake Forest ✓
Judge John F. Haas	Chicago ✓

ALUMNI TRUSTEE

TERM EXPIRES IN 1927

Stewart D. Marquis	Chicago
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*Deceased, January, 1927

OFFICERS OF THE BOARD

Frank Fitt, *President*Ernest Palmer, *Vice-President*Lawrence W. Scudder, *Secretary* Marion W. Woolsey, *Treasurer*Charles E. Latimer, *Assistant Treasurer* Frank W. Read, *Assistant Treasurer*Fred W. Richman, *Comptroller*

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Frank Fitt, *Chairman*

Alfred T. Carton

Herbert M. Moore

Walter A. Graff

Louis F. Swift

Clayton Mark

Marion W. Woolsey

FINANCE COMMITTEE

Walter A. Graff, *Chairman*

Charles B. Moore

Clayton Mark

Frank W. Read

Ernest Palmer

Marion W. Woolsey

CURRICULUM COMMITTEE

A. J. Hennings, *Chairman*

Frank Fitt

B. M. Linnell

Raymond Huston

Harry Olson

Lawrence W. Scudder

George Roberts

Stewart D. Marquis

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Marion W. Woolsey, *Chairman*

Alfred T. Carton

R. Douglas Stuart

Henry J. Hanson

Louis F. Swift

Charles B. Moore

Clarence W. Diver

PEARSON LOAN FUND

Clarence W. Diver, *Chairman*

George Roberts

B. M. Linnell

John F. Haas

ADMINISTRATIVE OFFICERS

Office of the College
Henry C. Durand InstituteHERBERT MCCOMB MOORE, D.D.
*President of Lake Forest College*CHARLES E. LATIMER
*Assistant Treasurer*F. W. RICHMAN
*Comptroller*JOHN H. SHERMAN, M.A.
*Dean of the Department of Business Administration*MARGUERITE WITMER KEHR, PH.D.
*Dean of Women*GARRETT H. LEVERTON, M.A.
*Dean of Men*RONALD B. WILLIAMS, M.A.
*Assistant Dean of Men*GEORGE ARTHUR WOOD, PH.D.
*Secretary of the Faculty*FLETCHER B. COFFIN, PH.D.
*Registrar*MABEL POWELL
*Librarian*JOHN HENRY HUHNKE
*Superintendent of Buildings and Grounds*MORTIMER E. CARLSON
*Assistant to the President*ELLA H. SCHAFFER
*Secretary to the President*GERALDINE REYNOLDS SCHRAMM
*Bookkeeper*ELMER H. KERSHAW
*Assistant Athletic Director*E. RONALD ROBINETTE
*Director of Band*EVELYN KELLY
Stenographer

THE FACULTY

HERBERT MCCOMB MOORE, D.D.

President and William Bross Professor of Biblical Literature
A.B. Lake Forest; D.D. Pittsburg.

WALTER RAY BRIDGMAN, M.A.

Professor of the Greek Language and Literature
B.A. Yale; M.A. Miami University and Yale.

FREDERICK C. L. VAN STEENDEREN, Ph.D.

Professor of Modern Languages
Staatsexamen, Utrecht; M.A. Penn College; Ph.D. Iowa.

FLETCHER BARKER COFFIN, LL.B., Ph.D.

A.B. Harvard; A.M. *ibid.*; LL.B. *ibid.*; Ph.D. *ibid.*

*ALBERT RUSSELL ELLINGWOOD, B.C.L., Ph.D.

D. K. Pearsons Professor of Political Science
B.A. Corado College; B.C.L. Oxford; Ph.D. Pennsylvania.

DANIEL FORD, M.A.

Professor of the English Language and Literature
B.L. Dartmouth; M.A. Harvard.

WESLEY RAYMOND WELLS, Ph.D.

Professor of Philosophy and Psychology
Ph. B. Vermont; A.M. Harvard; Ph.D. *ibid.*

GEORGE A. WOOD, Ph.D.

Professor of History
B.A. Amherst; M.A. Columbia; Ph.D. *ibid.*

BRUCE LINEBURG, Ph.D.

Professor of Biology
B.A. Ohio; M.A. Johns Hopkins; Ph.D. *ibid.*

ROSCOE E. HARRIS, Ph.D.

Professor of Physics
B.S. Missouri Teachers' College; M.S. Chicago; Ph.D. *ibid.*

JOHN H. SHERMAN, M.A.

Dean of the Department of Business Administration and
D. K. Pearsons Professor of Economics
A.B. Cornell; A.M. Wisconsin.

*Leave of absence, Acting Professor of Political Science, Northwestern University, 1926-27.

- HAROLD B. CURTIS, Ph.D.
Professor of Mathematics
 A.B. Cornell; Ph.D. *ibid.*
- GEORGE ROBERTS, D.D.
Acting Professor of Biblical Literature
 B.A. Yale; D.D. Lake Forest.
- MARGUERITE WITMER KEHR, Ph.D.
Dean of Women and Assistant Professor of Education
 B.A. Tennessee; M.A. Wellesley; Ph.D. Cornell.
- RONALD B. WILLIAMS, M.A.
Assistant Dean of Men and Assistant Professor of Romance Languages
 B.A. Iowa; M.A. *ibid.*
- ERNEST A. JOHNSON, M.A.
Assistant Professor of Economics and Business Administration.
 A.B. Colorado College; M.A. University of Denver.
- GARRETT H. LEVERTON, M.A.
Dean of Men and Assistant Professor of Speech.
 B.A. DePauw; M.A. Northwestern University.
- CARLTON CUMMINGS, B.A.
Assistant Professor of Music.
 B.A. Nebraska Wesleyan.
- ELIZABETH HOPE GORDON, M.A.
Assistant Professor of English
 B.A. Nebraska; M.A. *ibid.*
- OLIVER S. HECKMAN, M.A.
Assistant Professor of Political Science
 B.A. Lebanon Valley; M.A. University of Illinois.
- MABLE POWELL
Librarian
 Library Certificate Wisconsin.
- FLOYD L. BROWN, B.A.
Director of Athletics for Men
 B.A. Miami.
- CHRISTINE E. PAYNE, B.S.
Dietitian of Lois Hall and Instructor in Home Economics
 B.S. Syracuse.

- CORA LEROY, B.S.
Director of Physical Education for Women.
 B.S. Syracuse.
- MARTHA ELIZABETH BRADLEY, B.M.
Instructor in Piano
 B.M. University of Illinois.
- E. RONALD ROBINETTE, B.M.
Instructor in Violin
 B.M. Ohio.

COMMITTEES OF THE FACULTY

1926-1927

- Advanced Standing:* MR. WOOD, Chairman; MR. FORD.
- Athletics:* MR. LINEBURG, Chairman; MISS LeROY, MR. BROWN.
- Calendar and Schedule:* MR. COFFIN.
- Chapel Officer:* MR. WILLIAMS.
- Class Officers:* Seniors, MR. WELLS; Juniors, MR. VAN STEENDEREN, MISS KEHR; Sophomores, MR. WOOD, MISS GORDON; Freshmen, MR. COFFIN, Chairman, MR. HARRIS, MR. WILLIAMS.
- Curriculum:* MR. WELLS, Chairman, MR. VAN STEENDEREN, MR. COFFIN, MR. FORD, MR. LINEBURG.
- Dean's Committee:* MR. SHERMAN, MR. LEVERTON, MISS KEHR, MR. WILLIAMS.
- Discipline:* PRESIDENT MOORE, Chairman, MR. SHERMAN, MR. BRIDGMAN, MISS KEHR, MR. LEVERTON.
- Entrance:* MR. LINEBURG.
- Excuse Officer:* MR. LEVERTON.
- Library:* MR. VAN STEENDEREN, Chairman; MR. WOOD, MR. BRIDGMAN, MR. SHERMAN, MISS POWELL.
- Social Activities:* MR. LEVERTON, Chairman; MISS KEHR, MR. BROWN, MISS PAYNE, MR. WILLIAMS.
- Student Activities:* Garrick Club and Debating, MR. LEVERTON; Stentor, MISS GORDON; Forester, MR. WILLIAMS; Glee Clubs, MR. CUMMINGS.

General Information

LOCATION

Few suburbs in any American city equal Lake Forest in beauty and healthfulness. Situated on the shore of Lake Michigan, twenty-eight miles north of Chicago, it occupies the highest elevation of land between that city and Milwaukee, rising to a height of eighty feet above the lake. Deep, winding ravines, running inland half a mile or more, are a picturesque feature of the landscape.

Lake Forest has the appearance of a natural park. Instead of the straight streets and the regular blocks of the conventional town, there are broad country roads winding through the forest past attractive suburban residences with extensive and well-kept grounds. The name of the town is, therefore, exactly descriptive of its situation and its chief physical characteristics. The population is about five thousand. Express trains on the Milwaukee division of the Chicago and North Western Railway give easy access to Chicago in forty-five minutes; the Chicago, Milwaukee and North Shore Electric Railway maintains a frequent and convenient service between Lake Forest and other points along the north shore.

Lake Forest has all the advantages of proximity to a great city without its distractions and temptations. The semi-rural surroundings and homelike atmosphere of the community secure the seclusion and quiet so valuable to the student during the years of undergraduate work, while the proximity to Chicago brings within reach the musical and artistic advantages and the manifold activities of the city.

GROUNDS AND BUILDINGS

The Campus consists of fifty acres of wooded land in the best residential district of Lake Forest, near

Lake Michigan, and is bounded on two sides by deep ravines. A third ravine divides the Campus into two parts:

(a) The South Campus, of forty acres. Here are situated College Hall, North Hall, and the new dormitories for men, Blackstone and Harlan Halls; Reid Memorial Library and Chapel; the Calvin Durand Commons for men; the Gymnasium; the Carnegie Science Hall; the President's House, and eight residences for professors; and the central heating plant.

(b) The North Campus, of ten acres. Here are situated Lois Durand Hall, the dormitory for women; the Henry C. Durand Institute, and the Alice Home. Because of the quiet nature of the use to which these last two buildings are put, and the isolation of this portion of the college grounds, the North Campus is peculiarly fitted to be the center of the women's life in the College.

COLLEGE HALL, built in 1878, contains the recitation rooms and laboratories of the Departments of English, Psychology, History, Chemistry, and Biology.

NORTH HALL, built in 1880, and entirely remodeled in 1897, has been set apart as a freshman dormitory for men; all freshmen are required to live in this building the first year.

THE REID MEMORIAL CHAPEL was erected in 1899 by Mrs. Simon S. Reid and her family as a memorial to Mrs. Lily Reid Holt '84, of Lake Forest, and is a fitting and attractive center for the religious life of the College. It is a Gothic building of Bedford stone, crowned by a graceful tower. In the rear of the choir is a stained glass window by Louis Tiffany.

THE LIBRARY, built at the same time as the Chapel, was given by Mrs. Reid in memory of Arthur Somerville Reid, a former student of the College. It has a

stack room housing 36,889 volumes, an attractive reading room for periodicals, a large, well-lighted general reading room, and detached rooms for special collections. The library is connected with the Chapel by a cloister.

THE GYMNASIUM, built in 1890, is a solid brown-stone building with a modern equipment in apparatus, running track, hot and cold baths, and a swimming pool.

BLACKSTONE AND HARLAN HALLS, dormitories for men, built in 1906-7, are the gift of Mrs. Timothy B. Blackstone, of Chicago, and named in memory of Mr. Blackstone, late President of the Chicago & Alton Railway, and in honor of Richard D. Harlan, former President of Lake Forest University. These two dormitories are exact counterparts, built of brick in collegiate Gothic style, two stories in the main structure and three stories in the end towers, which are connected by a grill and gateway, forming an appropriate entrance to the Campus.

THE CALVIN DURAND COMMONS, erected in 1907-8, is the gift of the late Calvin Durand. The dining hall, large enough to accommodate two hundred men, and the adjoining lounging room, are finished in oak paneling. The furnishings, designed by the architect of the building, were the gift of Mr. D. Mark Cummings, of Lake Forest.

CARNEGIE SCIENCE HALL, the gift of Mr. Andrew Carnegie, of New York, also built in 1907-8, makes complete provision for work in physics, mechanical drawing, and mathematics. It is a three-story brick building, similar in general style to Blackstone and Harlan Halls.

STEAM HEATING PLANT. The most recent addition to the campus equipment is the entirely new and com-

plete building erected in 1917, the gift of generous friends of the College, with a full complement of powerful boilers of the latest pattern and newly laid conduits for steam, water, etc., to all the buildings of the University. With this is connected a new air-pressure water system, supplying pure water from deep wells.

The President and a number of the professors are now provided with houses on the South Campus. Two of the latter are memorial buildings: one was erected in 1889 by the late William Bross for the Professor of Biblical Literature; the other in 1891 by the late Jacob Beidler for the Professor of Physical Sciences. In 1917 four additional brick buildings were completed so that now the majority of the Faculty reside on the Campus.

The three buildings on the North Campus were all given by Mr. and Mrs. Henry C. Durand.

LOIS DURAND HALL, a three-story brick building in Elizabethan style, is the women's dormitory. It was erected in 1898 by the late Henry C. Durand in memory of his mother, in whose honor it is named. It is furnished with every provision for the health, safety, and comfort of the students. It is presided over by the Dean of Women and the Superintendent.

THE HENRY C. DURAND INSTITUTE, a brownstone building, was erected by Mr. Durand in 1891. It contains the offices of the President, Secretary, Registrar, and Comptroller, the recitation rooms of the Departments of Latin, Greek, Political Science, and Modern Languages, an Alumni Trophy Room, and a large Assembly Hall, with a well-equipped stage, which is used for lectures, concerts, dramatics, and social functions.

THE ALICE HOME, the gift of the late Mrs. Henry C. Durand, was erected in 1898 as a hospital for the special use of the college and the two allied secondary schools, and as a memorial to her sister, Alice Bursdel

Burhans. It is an attractive building in the Old English style, finely located, with a sunny exposure. It is equipped with every home comfort and with the best modern appliances for the care of the sick. Capable physicians and trained nurses are in constant attendance. The expense of students for the use of this hospital is very moderate.

FARWELL FIELD, the College athletic field, is located seven minutes' walk from the Campus, on a tract of seven acres, most of which was given for this purpose by the late Senator C. B. Farwell, one of the earliest friends and greatest benefactors of the College.

THE PRACTICE FIELD for ordinary athletic practice and informal games, and the women's Hockey Field are on the South Campus. The tennis courts for men adjoin the Gymnasium; those for women are on the North Campus, near Lois Durand Hall.

THE LIBRARY

The collection of books, now numbering 36,889 volumes, is housed in the Arthur Somerville Reid Memorial Library. It is open throughout the day, and in the evening as well while the College is in session, and at stated hours during vacations. The students have free access to the shelves and liberal privileges in the drawing of books. The use of the Library is extended freely to all graduates, clergymen, and teachers in the vicinity, and to such others as comply with the necessary conditions. The Librarian is always ready to lend personal aid to inquirers.

A large Reading Room in the center contains about one hundred of the current popular and scientific periodicals. There is a small but excellent collection of books on art, formerly belonging to the Lake Forest Art Institute, kept in the same building. The College students also have access to the excellent Lake Forest Public Library.

Special memorial funds for the purchase of books and periodicals have been given by Charles H. Quinlan and Eliza P. Matthews. The income of a fund established in memory of William H. McClure is used for the purchase and care of translations and editions of the Bible. Through the kindness of friends of the late Professor J. J. Halsey, his entire library, including a valuable collection of books on social sciences, has been presented to the College, and will be known as the J. J. Halsey Memorial Library.

The College especially solicits gifts of books, pamphlets, and literary and scientific papers by Lake Forest College men and women, which may form the nucleus of a Graduates' Alcove in the College Library.

LABORATORIES.

The Biological Laboratory occupies the second floor of College Hall. The space is divided into a large elementary laboratory, an advanced laboratory, a research laboratory, a lecture room, a departmental library, a work room, and a store room. The equipment includes 36 compound and binocular microscopes, a thoroughly equipped Balopticon with 450 lantern slides, aquaria for fresh water animals, constant temperature tanks, paraffin bath, microtomes, and a well chosen teaching collection of animals.

The Chemical Laboratory occupies nine separate rooms in College Hall. It is fully equipped with apparatus for carrying on work in inorganic and organic chemistry, qualitative and quantitative analysis. The chemical library, consisting of some six hundred volumes, in a room adjoining the quantitative laboratory, contains sets of the leading chemical journals, and an excellent assortment of general reference books in chemistry.

The Department of Physics occupies a building which was the gift of Andrew Carnegie. The building

is very attractive, both outside and within, and is a tribute to the skill of the Emeritus Professor of Physics, Frederick W. Stevens, who was largely responsible for its design.

PHYSICAL TRAINING

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a resident instructor. In addition to the regular work (see page 92) there is abundant opportunity for outdoor and indoor athletics. Football, baseball, basketball, tennis, hockey, track, and field athletics are regularly maintained under the management of the Athletic Association and the direction of the instructors.

RELIGIOUS CULTURE

It is the constant aim of the College to maintain a wholesome Christian atmosphere, as conducive to the development of the best manhood and womanhood, and of the highest and broadest scholarship. No attempt is made, however, to impress upon the student any sectarian views. Entire religious freedom is guaranteed to all by the charter of the institution.

As an important part of the curriculum, the English Bible is taught in a broadly Christian way.

On every week day, except Saturday, at ten o'clock, a brief service is conducted in the College Chapel by the President or some member of the Faculty. Occasionally a speaker qualified to discuss some subject of present importance is invited to deliver an address at this daily assembly. All students are required to attend this daily service. The students are made most welcome in the general church life of the community.

STUDENT LIFE

Lake Forest College has no system of disciplinary rules. There are two broad requirements — good scholarship and good conduct. Students who are unwilling to cooperate in the development of proper ideals for college work and college life will be invited to withdraw whenever the general welfare demands it, even though there be no specific breach of conduct calling for their suspension.

The girls resident in Lois Durand Hall have adopted self-government, administered by the House President and the House Committee, representing the four classes. With the cooperation of the Dean of Women, they establish and enforce proper house rules in matters pertaining to the discipline and social life of Lois Durand Hall.

Kappa Alpha is an honorary society to which women students are elected on the basis of their college achievements in scholarship, student activities, and co-operative spirit. This society aims to arouse interest among the young women of the college in all lines of constructive educational work and to uphold the highest ideals of college loyalty and personal culture.

The Iron Key is an honor fraternity for junior and senior men, membership in which is determined by scholarship and participation in student activities.

STUDENT ORGANIZATIONS

THE STUDENT COUNCIL.—The Student Council is an organization of the student body, consisting of five men and three women chosen from the upperclassmen. Its purpose is to regulate student conduct, foster activities, and maintain traditions.

DRAMATICS.—An unusually active dramatic organization, The Garrick Players, offers excellent training in speech, acting, staging, and the producing of plays.

The Garrick Players, through their program of twelve to fifteen plays presented every year, offer to the student interested in dramatics, whether it be acting or producing, an excellent opportunity to do interesting work. They offer exceptional advantages to the new students, for they are the only collegiate playing group that presents the freshmen in their own all-freshman cast plays at the beginning of the season. Also they are the only Players from a college going on tour every year during spring vacation with full length plays, carrying their own scenery and properties. The Garrick Players are closely connected with the Speech Department of the College, both of which are under the direction of Garrett H. Leverton. Speech 9-10, Stagecraft, is open to all freshmen, and through the Garrick Players interested students have excellent opportunities to do practical work. Among the notable successes that The Garrick Players produced last year are "The Goose Hangs High," "The Dover Road," "Captain Applejack," "Merton of the Movies," and "The Fool." For ten days in April they toured through northern Indiana in "The Misleading Lady." This year they presented the freshmen in "The Romantic Young Lady," and "The Youngest," and have presented with great success "Three Live Ghosts," "Sun-up," and "Applesauce." In April The Players will tour Illinois with two plays, "The Haunted House," and "The Bad Man." Scheduled for production for the remainder of the season are Molnar's "Liliom," "The Old Soak," "Mr. Pim Passes By," and Galsworthy's "The Pigeon." The Players have an unusually well-equipped stage and several thousand dollars worth of scenic, laboratory, and electrical equipment.

All students of the college whether members of The Garrick Players or not are invited to try out for parts in the various casts or for places on the production staff. Membership in The Players is granted when the student has successfully completed two require-

ments: The year course in Stagecraft, and participation in the cast and producing staffs of four plays.

Lake Forest students who are interested in dramatics are particularly fortunate in being located within forty-five minutes of Chicago's twenty-eight legitimate theatres. The opportunity of seeing the best plays in the theatre is a decided asset to any student interested in the drama and the theatre.

ATHLETICS.—The Athletic Association, comprising all the students of the College, has charge of the regular team practice and of inter-scholastic and inter-collegiate contests in indoor and outdoor athletic sports.

MUSICAL ORGANIZATIONS.—The musical organizations of Lake Forest College are the College Chorus, the Chapel Choir, the Band, and the Orchestra.

The Chorus is open to all students wishing to become familiar with the great choral works. The organization now has seventy members who have not only learned the choruses, but in many cases the leading roles have been sung by members of the chorus. In this way students who wish to enter the concert field, can be sure of public appearance under the most favorable conditions as soon as their work warrants such an appearance.

The Chapel Choir is made up of the best voices in the College. It has sixteen members and is a self-governing organization. The director may suggest new members, but the election is made by the members themselves.

The College is indebted to President and Mrs. Moore for the Band. Their gift of \$1000 made possible the purchase of the first instruments. The Band appears at all games and is one of the great factors in the life of the College.

The members of the Orchestra are being recruited

from a number of High Schools where the music departments are outstanding. This is to be more than the usual college orchestra. It is to be rather a solo organization where each member has had exceptional training in his special line.

RELIGION.—The Young Women's Christian Association, formed in 1895, holds its meetings in Lois Durand Hall, and serves as the usual medium for the charitable and altruistic work of the women.

SCOROMOR. — The Scoromor is an organization, sponsored by the English Department, of about twenty members whose interest is largely in creative writing. The meetings, held about every two weeks, afford opportunity for enjoying original work and friendly criticism. The club was formed in 1924, its membership being confined to seniors, juniors, and sophomores. Election is on the basis of literary merits alone, candidates submitting for consideration by the Club a piece of original work.

PUBLICATIONS.—The Stentor, a weekly college paper, founded in 1887, is managed by a board of editors elected by the students. The Forester, an illustrated volume, is published by a board representing the Junior Class.

LITERARY AND MUSICAL ADVANTAGES

In addition to the opportunities offered by the student organizations and the regular Chapel assembly, the students of Lake Forest College have unusual advantages in the way of hearing distinguished speakers and the best music. Leading representatives of business, professional, philanthropic, and literary occupations give addresses at the Reid Memorial Chapel from time to time, and the Bross Lectures bring to the College at intervals some of the leading scholars of the world.

DORMITORIES AND COMMONS

The dormitories are heated by steam, and are furnished by the College authorities with the following articles: bedstead, springs, mattress and pillow, chest of drawers, study-table, and two chairs. Blackstone, Harlan, College, Lois Durand, and North Halls have modern electric lighting. Bed linen, towels, curtains, rugs, and many other conveniences and adornments not mentioned above, must be furnished by the occupants of the rooms. Each occupant of Lois Durand Hall should bring also six table napkins and a plainly marked napkin ring.

A deposit of fifteen dollars is required with the application for a room in all dormitories. Ten dollars of this amount is credited on the first semester bill, and five dollars, or the other portion of it not required to make good damage to the room, will be refunded after the close of the college year. Students wishing to change their rooms are required to arrange the matter at the President's office.

Board is furnished for men at the Calvin Durand Commons. The men who occupy rooms in the dormitories are required to board at the Commons, unless excused by the Comptroller.

The women take their meals in the dining room of Lois Durand Hall.

Students desiring to entertain guests must obtain permission; the women from the Dean of Women, the men from the Business Office of the College.

EXPENSES

Tuition	per semester \$ 87.50
Students taking more than the normal 18 hours of work per semester are required to pay \$5.00 per hour per semester for each additional hour taken.	
Matriculation Fee*	5.00
Athletic Fee*	10.00
Alumni Fee*	15.00

Expenses

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Library Fee*	6.00
Activities Fee*	12.00

*Payable upon entrance.

DEPARTMENTAL FEES

Laboratory Fee	per semester 10.00
Home Economics	per semester 10.00
Play Production Laboratory Fee	per semester 10.00

BOARD AND ROOM

For Women

Board and Room in Lois Hall per semester from \$215.00 to	259.50
Charge for laundry according to number of pieces.	

For Men

Board at Durand Commons	per semester 126.00
Room	per semester \$55.00 to 72.00

For special students taking five hours or less the tuition charge is one-half of the regular rate.

A fee of \$3.00 will be charged for Special Examination.

COLLEGE BILLS

The regular college bills are due at the opening of each semester, and must be paid within two weeks, unless within that time a satisfactory arrangement is made with the Comptroller for later settlement. Students who fail to comply with this requirement incur an additional charge of five dollars. Pending settlement they will be excluded from classes, and absence thus incurred will be counted as unexcused.

REFUNDS

1. It is understood that rooms are engaged for the semester. No rebate of room rent will be made.
2. Refund for unused board will be made for students leaving for any cause, less fifty per cent for overhead expenses.
3. Refund for tuition will not be made, except in case of illness, when a proportionate charge will be made which is not to be less than one-half of the semester's tuition.

No degrees are conferred upon students who have not paid their dues to the College.

SCHOLARSHIPS AND LOAN FUNDS

THE PEARSONS LOAN FUND

In 1899 the late Dr. D. K. Pearsons of Chicago gave to the Trustees of Lake Forest University some property in Chicago valued at \$100,000, from which half the income was to be used for the purpose of lending money to promising students needing assistance. These loans are subject to the following rules:

1. All applications for money must be endorsed by the Faculty Committee and by the Trustees Committee.
2. No loan will be made during the first semester of a student's attendance.
3. A note, bearing 3% interest until five years out of college, must be signed by the student, and endorsed by parent or guardian.
4. Interest on the amount due after maturity shall be at 6%.
5. Annual repayment must be made beginning with the year after leaving college. These annual repayments to be not less than 10% of the amount borrowed while in college.

SCHOLARSHIPS

The income from the funds specified below is distributed annually in the form of scholarships among students who need pecuniary aid, and who meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

Every holder of an ordinary scholarship is asked to repay, if possible, at some future time, the amount of the scholarship for the benefit of future students.

The following rules govern the assignment of scholarships:

(1) Application must be made to the President on blank forms provided for the purpose. In the case of new students these applications should be filed as early as possible accompanied by the testimonials indicated by the forms.

(2) Students already holding scholarships must renew their applications for the succeeding year on or before June 1 of each year. Awards will be made in June.

(3) The retention of a scholarship is conditional upon the maintenance of a satisfactory scholastic record.

(4) In awarding scholarships preference is given to regular candidates for a degree, and to those who intend to finish their course in Lake Forest College.

The income applicable to scholarships is derived as follows:

II. From funds given to establish general scholarships as follows:

The Lemuel Brooks Scholarship, given by the Rev. Lemuel Brooks of Churchville, New York, 1883	\$5,000
The William Bross Scholarship, given by the Hon. William Bross of Chicago, 1883	1,500
The John Beidler Scholarship, given by Jacob Beidler of Chicago, 1882	500
The Lila Frances Ross Scholarship, given by Tuttle King of Chicago, 1882	500
The Juneau Church Scholarship, given by the Presbyterian Church of Juneau, Wis., 1883	125
The Depere Church Scholarship, given by the Presbyterian Church of Depere, Wis., 1883	100
The Corwin Scholarship, given by the Rev. Eli Corwin, D.D., of Chicago, 1889	1,000
The Helen A. Ferry Scholarship, given by Helen A. Ferry of Lake Forest, 1880 (awarded preferably to a young woman)	1,000

The Reid Scholarship, given by Mrs. Simon S. Reid of Lake Forest, 1891	2,500
The E. A. Allen Scholarship, by bequest of E. A. Allen, Arlington Heights, Ill., 1891.	1,500
The H. B. Stillman Scholarship, 1906, through the College Board of the Presbyterian Church	1,000
The Robert W. Roloson Scholarship, given by Mr. Robert W. Roloson of Chicago, 1909	2,000
The Rufus N. Sage Scholarship, by bequest of Mrs. Ellen Sage of Chicago, 1911	6,000
The Arthur Dana Wheeler Memorial Scholarship, given By Mrs. Wheeler, Miss Ellen Holt and Messrs. Charles S., George H., and William Arthur Holt, 1916.....	2,500
The John J. Halsey Scholarship, given by Donald R. McLennan of Lake Forest, 1924	1,000
The Lewis Stuart Scholarship, given by a Friend, 1924	1,000
The Samuel Insull Scholarship, for students of Libertyville, Waukegan, and Gurnee, 1926	1,000
	<u>\$28,225</u>

II. From funds given to establish scholarships in aid of students preparing for the Christian ministry as follows:

The Jacob Beidler Scholarship, given by Jacob Beidler of Chicago, 1889	\$5,000
The Lemuel Brooks Scholarship, 1880	1,500
The Mrs. Maria Brooks Scholarship, given by the Rev. L. Brooks of Churchill, N. Y., 1881	1,500
The Samuel M. Wood Scholarship, given by bequest of S. M. Wood of Omro, Wis., 1882	1,500
The Israel C. Holmes Scholarship, given by the Rev. Mead Holmes of Rockford, Ill., 1883	500
The John Converse Prize Scholarship, given by Mr. John H. Converse of Philadelphia, 1905	1,500
The Eliza O. Lind Scholarship, by bequest of Mrs. Sylvester Lind of Chicago, 1906	4,000

The income of the John H. Converse Scholarship Fund is awarded as a special prize scholarship to the student who has received the highest average grade among the men preparing for the Christian ministry.

III. From funds given in the name of the Lake Forest Presbyterian Church to found scholarships, the incumbents to be appointed by the Session of the

Church, or by the Scholarship Committee in the absence of action by the Session.

The Sylvester Lind Memorial Scholarship	\$1,000
The Mary Whitney Chapin Memorial Scholarship	1,000
The Washington A. Nichols Memorial Scholarship	1,000
	<u>\$3,000</u>

Total Permanent Scholarship Funds, \$46,725.00.

IV. One scholarship of \$50 given annually by the General Education Board of the Presbyterian Church to a meritorious student who is a Presbyterian.

V. Three alumni scholarships, contributed by the Alumni Association, each amounting to at least forty dollars.

VI. The Trustees of the La Verne Noyes estate have given to Lake Forest College fifteen scholarships amounting to full tuition. These scholarships are governed by the following rules:

1. Applicant shall have served in the army or navy of the United States of America in the war into which our country entered on the 6th day of April, 1917, and have been honorably discharged from such service,
- or
2. Should be descended by blood from someone who has served in the army or navy of the United States in said war who either is still in said service or whose said service in the army or navy was terminated by death or an honorable discharge.

VII. The Henry Strong Educational Fund has given to Lake Forest College, annually, a sum of four hundred dollars to be awarded to worthy students.

HONORS

SHIELD HONORS

The names of the four students in each graduating class who rank highest in general scholarship are inscribed upon an engraved shield, which is affixed to the walls of the library. This practice began with the class of 1910.

COMMENCEMENT HONORS

At each commencement Department Honors are awarded to members of the graduating class who have won high distinction in major work in one or more departments of study.

LAKE FOREST GRADUATE SCHOLARSHIPS AT
THE UNIVERSITY OF ILLINOIS

The University of Illinois offers each year to the College a graduate scholarship of \$350, with remittance of fees, for some member of the senior class to be nominated by the Faculty. The chief conditions of the award are good scholarship, a degree of special preparation for work in some department of study, and promise.

PRIZES

THE MCPHERSON PRIZES

The sum of three thousand dollars was contributed in 1889 by friends of the Rev. Dr. Simon J. McPherson to found the following prizes to be named in his honor:

1. PRIZE IN GREEK

A prize of twenty-five dollars will be given annually for general excellence in the work of the second year in college Greek — the study of the Greek Drama. The award of the prize will depend, in part, upon the result of an examination.

2. PRIZE IN ENGLISH

A prize of twenty-five dollars will be given annually. The conditions will vary from year to year in accordance with notice given in due time.

3. PRIZE IN PHILOSOPHY.

The prize in Philosophy is similar to the prize in English.

4. PRIZES IN DECLAMATION

A prize exhibition in declamation and oratory is held on the last Friday in May. Representatives of the Freshman class compete in a program of declamations; members of the three other classes present original orations. A prize of twenty-five dollars is awarded in each competition.

THE BROSS FOUNDATION

In 1879 the late William Bross of Chicago, Lieutenant Governor of Illinois in 1866-70, desiring to establish a memorial to his son, Nathaniel Bross who had died in 1856, entered into an agreement with the Trustees of Lake Forest University, whereby there was finally transferred to the said Trustees the sum of forty thousand dollars. The income of this fund was to accumulate in perpetuity for successive periods of ten years, at compound interest, the accumulation of one decade to be spent in the following decade, for the purpose of stimulating the production of the best books or treatises "on the connection, relation and mutual bearing of any practical science, the history of our race, or the facts in any department of knowledge, with and upon the Christian Religion."

In accordance with the terms of the deed of gift the Trustees of Lake Forest University established THE BROSS LIBRARY, to consist of books and treatises of the above-mentioned character, to be selected by the two following methods:

1. THE BROSS PRIZE

Once in every decade a prize is offered for the best

book on any of the lines above indicated. The manuscripts are sent in anonymously, and the reward is made by a committee of distinguished scholars chosen for the purpose.

The first decennial prize amounting to six thousand dollars, was awarded in 1905 to a treatise on *The Problem of the Old Testament*, by the late Rev. James Orr, D.D., of the United Free Church College, Glasgow, Scotland. This treatise was published as Volume III of The Bross Library.

The second decennial prize of six thousand dollars was awarded in 1915 to the Rev. Thomas James Thorburn, D.D., LL.D., Hastings, England, for his book entitled *The Mythical Interpretation of the Gospels*, which has been published as Volume VII of The Bross Library.

The third decennial prize of six thousand dollars was awarded in 1925 to Professor Douglas Clyde Macintosh of Yale University for his book entitled, *The Reasonableness of Christianity*. This book has been published as Volume XIII of The Bross Library.

2. THE BROSS LECTURES

Besides providing for a large prize to be offered in each decade, the terms of the Bross deed of gift enable the Trustees to appoint distinguished men, from time to time, to deliver courses of lectures on one of the many lines suggested by the deed of gift as quoted above. Such lectures are afterward to be expanded into books to be published and distributed as volumes of The Bross Library.

The Rev. Francis L. Patton, D.D., LL.D., delivered the first course of lectures on the Bross Foundation in May, 1903, on the subject of *Obligatory Morality*.

The second course of lectures, delivered in May, 1904, by the late Rev. Marcus Dods, D.D., of New College, Edinburgh, Scotland, on *The Bible, Its Origin*

and *Nature*, has been published as Volume II of The Bross Library.

The third course of lectures delivered in September and October, 1907, by J. Arthur Thompson, Regius Professor of Natural History in the University of Aberdeen, on *The Bible of Nature*, has been published as Volume IV of The Bross Library.

In December, 1908, Dr. Frederick J. Bliss, of Beirut, Syria, gave a course of seven lectures on *The Religions of Modern Syria and Palestine*. These lectures have been published as Volume V of The Bross Library.

The fifth course of lectures on the Bross Foundation, given by Professor Josiah Royce, of Harvard University, in November, 1911, on *The Sources of Religious Insight*, has been published as Volume VI of The Bross Library.

The sixth course of lectures was given in May, 1915, by the Rev. John Neville Figgis, D.D., Litt.D., of the House of the Resurrection, Mirfield, England, on *The Will of Freedom, or the Gospel of Nietzsche, and The Gospel of Christ*. These lectures have been published as Volume VIII of The Bross Library.

The seventh course of lectures was delivered in May, 1916, by Professor Henry Wilkes Wright, Ph.D., of Lake Forest College, on *Faith Justified by Progress*. These lectures have been published as Volume IX of The Bross Library.

The eighth course of lectures was given in April, 1921, at the Fourth Presbyterian Church in Chicago, and in Lake Forest, by the Rev. John P. Peters, Ph.D., on *Spade and Bible*. These lectures have been published as Volume X of The Bross Library.

The ninth course of lectures was given in Lake Forest in connection with the inauguration of President Herbert McComb Moore, November third to November sixth, 1921. The general theme was the *Ap-*

plication of Christianity to Modern Problems. The lectures given were as follows:

Present Conditions in the Near East in the Light of an Archaeologist's Thirty Years' Experience, by Sir William Mitchell Ramsay, LL.D., Litt.D., of Edinburgh, Scotland.

Religion and Social Discontent, by Professor Paul Elmer More, Litt.D., LL.D., Princeton University.

From Generation to Generation, by Mr. John Finley, LL.D., Editorial Department of The New York Times.

The Teachings of Jesus as Factors in International Politics by Professor Jeremiah W. Jenks, Ph.D., LL.D., New York University.

Jesus' Social Plan, by Professor Charles Foster Kent, Ph.D., Litt.D., Yale University.

Personal Religion and Public Morals, Principal Robert Bruce Taylor, D.D., LL.D., Queen's University, Kingston, Ontario. These lectures have been published as Volume XI of The Bross Library.

A series of lectures was given in the spring of 1923 by M. Bross Thomas, D.D., Professor Emeritus of Biblical Literature at Lake Forest College. His subject was *The Biblical Idea of God*. These lectures have been published as Volume XII of The Bross Library.

It was the express desire of the donor of the Bross Fund that the *Evidences of Christianity* of his "very dear friend and teacher, Mark Hopkins, D.D.," be purchased and "ever numbered and known as No. 1 of the series" of books published under this Foundation. The Trustees have accordingly published a Bross Presentation Edition of this famous book, as Volume I of The Bross Library.

Complimentary copies of the volumes of The Bross Library are supplied by the Trustees, in accordance with the provisions of the deed of gift, to a large number of libraries throughout the United States and in other countries.

THE ALUMNI

THE GENERAL ASSOCIATION

The General Association is a strong, loyal, and active organization. It is steadily and increasingly making its influence felt in shaping the policies and advancing the interests of the college.

The annual meeting and banquet are held at commencement time at Lake Forest. During the year its activities are carried on by its officers with the aid of the Advisory Council which consists of twenty representative alumni. Weekly luncheons are held at the University Club in Chicago.

Active alumni clubs have been formed in a large number of cities including Minneapolis; Ottumwa, Iowa; Portland, Oregon; Los Angeles; and New York; all of which regard the General Association as the central organization.

LAKE FOREST ALUMNI FUND ASSOCIATION

As an outgrowth of the increased interest and responsibility of the alumni in the affairs of the College, and the institution in general, and the work in connection with the raising of the Alumni Loyalty Fund during the year 1920-21, the Lake Forest Alumni Fund Association has been organized and incorporated under the laws of Illinois. The objects of the association, as stated in its charter, are to foster and promote education, and to gather and disburse moneys in the interest of Lake Forest College, but without profit to its members. The organization of the Association makes it possible to concentrate better the efforts of the active alumni in meeting some of the problems of the institution, and to make more effective their many individual contributions.

The Alumni Secretary of the General Association is employed by the Fund Association in its work.

All alumni who contribute to the Fund are members of the Association, and the present large member-

ship is rapidly increasing through the efforts of the organization.

The General Alumni Association has always assumed the immediate expense of keeping former students in touch with the College by bulletins, letters and the like. The object of the Alumni Fund Association Fee (see page 30) is to cover such expenditures.

ADMINISTRATION OF THE CURRICULUM

ADMISSION

Students coming from high schools and academies accredited by the North Central Association of Colleges and Secondary Schools, are admitted to Lake Forest College without examination, on certificate of scholarship and good character, insofar as they meet the entrance requirements specified below. The same privilege is generally extended to the graduates of schools on the accredited lists of other institutions having similar entrance requirements. Students from other colleges must present official certificates of honorable dismissal. Students from accredited schools may be examined in any or all entrance requirements.

All applicants for admission to the College, either to the freshman class or to advanced standing, will be furnished with blank forms of application. These forms should be filled out by the proper persons, as indicated on the forms, and returned promptly. Entering students should reach Lake Forest not later than the morning before College opens; they should report to the Entrance Committee in the rotunda of the Durand Institute. (See pages 7-8, "Registration Days.") All inquiries as to requirements for entrance should be addressed to the Chairman of the Entrance Committee, Lake Forest College, Lake Forest, Illinois.

ENTRANCE REQUIREMENTS

The admission requirements are based upon four years of secondary work, with four daily recitations. A daily recitation throughout the year is used as a convenient unit of measure; hence in the four years of secondary school work there are ordinarily sixteen units.

For admission without condition fifteen units are

required, nine of which are specified and six elective, as indicated in the following list:

I. Specified Units

*One Foreign Language	2
English	3
History	1
*Mathematics (Algebra and Geometry)	2
Laboratory Science	1
Total	9

II. Major Electives

A total of two units in subjects listed under I above, making eleven units in all from that group.

III. Minor Electives

Any four units accepted for graduation in a four-year accredited High School.

CONDITIONAL ADMISSION

Every applicant must present fifteen high school units for entrance. If an applicant is deficient in the number of units called for in Groups I and II to the extent of one unit (two units in foreign language) he is required to make up this deficiency in the freshman year. This statement applies only to those applicants who upon graduation ranked in the upper half of their class.

The admission of applicants who upon graduation ranked in the lower half of their class will be determined by the results of an intelligence test, analysis of high school record, and character references. Such students when permitted to enter will be required to make up their deficiency as indicated above.

*It is recommended that the two required language units be in Latin, and that in Mathematics there shall be a further half-year in Algebra and a half-year in Solid Geometry. These two and Trigonometry are major electives. Commercial Arithmetic and similar subjects may be minor electives.

ADVANCED STANDING

Applicants for advanced standing from other institutions should present to the Entrance Committee a complete official statement of both the preparatory and advanced work for which they claim credit, and a letter of honorable dismissal from the institution last attended. On the basis of these statements applicants will be given provisional standing by the Entrance Committee if the regular entrance requirements have been satisfied. Students from other institutions which have the same or equivalent courses of study will be given advanced credit for the work if their work is satisfactory; the amount of this credit will be determined, before the close of the first semester, by the Committee on Advanced Standing, acting with the advice of the departments concerned. In all cases, students transferring from other institutions must comply with the specific requirements of Lake Forest College for the degree desired.

UNCLASSIFIED STUDENTS

Mature students of Lake Forest and vicinity who desire to attend certain college classes may do so on permission of the Committee of Class Officers and on payment of a stipulated fee.

REGISTRATION

On the appointed registration day, at the beginning of each semester (see Calendar, pages 7-8) all students are required to register and make their choice of studies for the semester, reporting such choice to the Registrar by the end of the second registration day. All new students must be admitted by the Entrance Committee before proceeding with their registration. Students registering as freshmen or specials must have their schedules approved by the Freshman Advisory Committee. Sophomores, juniors, and seniors register with their class officers. (See page 17.)

the class officers, and the Dean. A fee of \$2.00 is charged for any changes made after Saturday of the second week, unless ordered by the Faculty. In general, a student will not be permitted to enter a course after one month of the semester has passed. Any student who discontinues a course in the manner described above receives a grade of W (withdrawn) provided he is passing at the time of withdrawal; otherwise he receives a semester grade of E for the course. If a student discontinues a course without permission he will still be considered a member of the class and will be charged with absences.

REPORTS OF STANDING

Reports of standing are made at the close of each semester, and sent to the students and to their parents or guardians.

GRADES

Students' grades are recorded in letters, A signifying a very high grade, B good, C fair, D merely passing; X means a condition which may be removed by re-examination; E means a failure, in which case credit can be gained only by repeating the course in class; I indicates that the work in the course is incomplete.

PARTICIPATION IN STUDENT ACTIVITIES

In order to be eligible for participation in any student activity, a student must have passed in at least 12 hours of academic work for the last semester in attendance at Lake Forest College or any other accredited college or university. The above rule shall apply to all students except those who are beginning college work for the first time; for such students the eligibility requirement of 12 hours shall become operative at the close of the first two months of the semester, but this is not to be construed as limiting in any way the disciplinary power of the Faculty to

deal with special cases of deficient scholarship during the first two months. Students ineligible because of conditions may regain eligibility by a removal of the conditions on the day or days scheduled for condition examinations. The names of all students participating in any student activity shall be reported to the Dean or the faculty adviser connected therewith. The administration of this rule is in the hands of the Dean.

CHAPEL

Chapel attendance is required of all students. Absences from chapel are counted in the same way and render a student liable to the same penalties as absences in regular academic courses.

All sophomores, juniors, and seniors are advised to consult with their major officers when making out their schedules. All students in the Department of Business Administration register with the Dean of that department. There is no charge for registration if it is completed on the registration days. Otherwise a fee of three dollars will be charged.

A fine of \$5.00 will be imposed upon each old student failing to register upon the registration day set apart at the beginning of the second semester.

The registration offices are in the Henry C. Durand Institute.

EXTRA HOURS

The normal registration is 15 hours, distributed over six days a week. Students who wish to register for more than 17 or less than 14 hours a week must have their cards approved by the Class Officer. No student is allowed to take more than 21 hours in a semester. Fourteen hours shall be considered a minimum, even in the case of seniors who do not need 14 for graduation. An additional fee of \$5.00 is charged for each additional hour over 18.

RESTRICTED REGISTRATION

A student must pass in at least 14 hours of work in any semester (exclusive of physical training) in order to register without restriction for the following semester.

If a student pass from 8 to 14 hours of work in any semester, he may be permitted to register under restriction for the following semester. This means that he may register for not more than 15 academic hours.

If a student shall fail to pass in 8 hours of work, in any semester (exclusive of physical training) he shall be required to leave the campus within five days and shall be suspended for one semester, except that for first year students taking less than 15 hours the

minimum for the first semester shall be 7 hours credit.

The above does not apply to unclassified students who have received faculty permission to carry less than 8 hours.

ABSENCES

A student is expected to enroll himself at the first meeting of each course he is to pursue. Absences will be counted from the first class of each course in which he has registered, unless exception is made by the Excuse Officer. If at any time during a semester, a student's unexcused absences from classes in academic subjects, from physical training, or from chapel exceed the total number of hours for which he is registered, including hours required for physical training plus five chapel hours, he becomes subject to disciplinary action. Absences are excused only when arranged for by the Excuse Officer or in case of serious illness, and the excuses must be secured immediately before or after the absence. An excessive number of absences renders a student liable to suspension from college.

Students absent from the last class or laboratory exercise preceding a recess or holiday, or from the first class or laboratory exercise following a recess or holiday must pay a fee of \$2.00 for each exercise from which they have been absent, unless special permission has been given. Fees collected for absences are expended for the college library.

CHANGE OF REGISTRATION

It is expected that after the opening of the semester, changes in registration shall be made only for urgent reasons. Within two weeks after the opening of the semester, changes may be made, by the use of cards furnished by the Registrar, with the consent of the class officers and the instructors. Later changes must have the sanction of the instructors concerned,

REQUIREMENTS FOR GRADUATION

GENERAL RULES

The College course, extending through four years, is divided into eight semesters, two for each academic year. The unit of work, or "semester hour," is one recitation period a week for one semester, two hours of laboratory work being the equivalent of a single recitation period. One hundred and twenty semester hours in the studies of the curriculum are required for graduation.* The required work in physical education must be added to this total.** Students who select courses announced to extend through two semesters will not receive credit for one semester's work in such courses without the consent of the instructor.

Students electing any laboratory science, or history, who have had only one year's work therein in high school, will in general be expected to enter the first year college course in that subject and will receive regular college credit. College credit shall not be given for preparatory work in excess of entrance requirements unless the student passes an examination given by the committee of the faculty appointed for that purpose.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

To secure the degree of Bachelor of Arts, the student is required to complete a course of study consisting of (1) certain prescribed courses, (2) a specified number of hours in a major subject, (3) enough electives to bring his work up to the total requirement of 120 hours, making an average of 15 hours a week throughout the four years. The specific requirements

*Except in the Department of Business Administration, which requires 126 semester hours.

**See page 52.

in each department are described below, and following this there is an outline of a typical four-year course with the requirements and suggested courses arranged by years. No student is eligible for a degree who has not been in residence at Lake Forest College for one year, and that year the senior year.

Students must secure for graduation as many credit points as there are credit hours required for graduation (exclusive of physical education). Three credit points are given for each semester hour of "A" grade; two for each semester hour of "B" grade; and one for each semester hour of "C" grade. In the case of students entering by transfer from other colleges the credit point requirement will apply to all work taken at Lake Forest College, but not to transferred credits. The credit point requirement must be satisfied in respect to all work taken after September, 1923.

I. REQUIRED SUBJECTS

BIBLICAL LITERATURE—Six hours.

ECONOMICS, HISTORY, OR POLITICAL SCIENCE—Six hours in each of two of these subjects, to be completed by the end of the junior year.

ENGLISH—English 1-2; freshman year, six hours. In addition four hours, selected from the literature courses.

FOREIGN LANGUAGES—Twelve hours in foreign languages, to be completed by the end of the sophomore year.

MATHEMATICS—Mathematics A and 2, or 1 and 2; freshman year, 6 hours.

PHILOSOPHY, PSYCHOLOGY, OR EDUCATION—Six hours.

PHYSICAL EDUCATION.—Freshman and sophomore men are required to take 2 hours a week. Freshman and sophomore women are required to take 3 hours a week, and junior and senior women, 2 hours a week. One hour of college credit is given for the course in Hygiene required of freshman women. See page 92.

SCIENCE—Eight hours in biology, chemistry, or physics, to be completed by the end of the sophomore year.

II. SUGGESTED SCHEDULE OF COURSES

FRESHMAN YEAR			
First Semester	Credit Hours	Second Semester	Credit Hours
English 1	3	English 2	3

Requirements for Graduation

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Foreign Language	3	Foreign Language	3
Mathematics 1	3	Mathematics 2	3
Physical Education (See above)		Physical Education (See above)	
Science	4	Science	4
Elective	3	Elective	3
	<u>16</u>		<u>16</u>

SOPHOMORE YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Biblical Literature	3	Biblical Literature	3
Economics, History, or Political Science	6	Economics, History, or Political Science	6
English	2	English	2
Physical Education (See above)		Physical Education (See above)	
Electives	4	Electives	4
	<u>15</u>		<u>15</u>

JUNIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Philosophy, Psychology, or Education	3	Philosophy, Psychology, or Education	3
Physical Education (See above)		Physical Education (See above)	
Electives	12	Electives	12
	<u>15</u>		<u>15</u>

SENIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Physical Education (See above)		Physical Education (See above)	
Electives	15	Electives	15
	<u>15</u>		<u>15</u>

MAJOR REQUIREMENTS

Candidates for the degree of Bachelor of Arts are required to select a major subject, if possible at the beginning of the sophomore year, and in any case not

later than the beginning of the junior year. The major requirement consists of 36 semester hours, distributed as follows: (1) Not less than 24 semester hours must be taken in the major department. (2) Enough additional hours to make up a total of 36 must be elected in work complementary to the major subject. A thesis may be substituted for a portion of the last year's work in a major subject; it must be handed in four weeks before Commencement unless other arrangements are made with the professor in charge. The professor in charge of the major subject will act as the student's adviser, and, together with the Dean and class officer, will supervise the administration of this rule.

Any one of the following may be selected as a major subject: (1) Biblical Literature; (2) Biology; (3) Chemistry; (4) Economics; (5) English; (6) Greek and Latin; (7) History; (8) Mathematics; (9) Music; (10) Philosophy; (11) Physics; (12) Political Science; (13) Psychology; (14) Romance Languages; (15) Speech.

PREPARATION FOR PROFESSIONAL AND TECHNICAL STUDY

The major system combines the breadth that is essential to a liberal education with the possibility of special preparation for the student's future vocation. The following suggestions may serve as a guide to students who have a definite calling in view, in the choice of the studies to be selected if they do not look forward to the completion of the college course.

The tendency of the best professional and technical schools is to become graduate schools, based upon a four years' college course, a standard already set by the strongest professional schools in the East.

It is generally recognized that the subjects which are preparatory to the more special courses of vocational schools are taught far more effectively in the college than in these schools.

ENGINEERING

The student contemplating engineering will find it greatly to his advantage to take at least two years of college work in anticipation of his technical courses. Thorough courses in physics, chemistry, mathematics, English, and modern languages, which are common to all courses in engineering, enable the student to prepare himself for the special technical course while availing himself of the opportunity for work in subjects not directly pertinent to engineering but very pertinent to modern life. A course embodying the fundamental subjects required during the freshman and sophomore years in the technical schools is as follows:

Freshman Year		Sophomore Year	
Chemistry 1-2	8 hours	English 7-8	4 hours
English 1-2	6 hours	Mathematics 5-6	6 hours
Mathematics 1-2	6 hours	Mathematics 7-8	6 hours
Modern Language 1-2	6 hours	Physics 1-2	8 hours
Elective	6 hours	Modern Language	6 hours

LAW

The law schools vary widely in their admission requirements. The tendency at present is toward the requirement of two years of college work, and in a few of the strongest law schools the full four years' college course is required. The most important college subjects for students preparing for law are English (especially oral and written composition), Latin, mathematics, history, political science and economics, and psychology. The following schedule is suggested for the first two years:

Political science, economics, or history should be the major subject.

First Year		Second Year	
English 1-2	6 hours	Economics 1-2	6 hours
Mathematics 1-2	6 hours	English 5-6 or 7-8	4 hours
Laboratory Science	8 hours	Latin 5-6	6 hours

Latin A-B or 1-2.....10 hours	History 1-2 or 3-4.....6 hours
	Political Science 1-2.....6 hours
	Psychology 1-2 6 hours

MEDICINE

Although they do not all require it, the better medical schools now strongly recommend a full college course for entrance, with emphasis placed upon training in the sciences. In order that students preparing for medicine at Lake Forest College may best fit themselves for the courses offered in the different medical schools and at the same time fulfill all the graduation requirements of this college, the following four year course is recommended:

First Year	Second Year
English 1-2 6 hours	English Literature (2 courses) 4 hours
Modern Language 1-2 6 hours	Modern Language (2 advanced courses).....6 hours
Mathematics 1-2 6 hours	Chemistry 3-4 8 hours
Chemistry 1-2 8 hours	Physics 1-2 8 hours
Elective 4 hours	History (2 courses).....6 hours
Third Year	Fourth Year
Chemistry 5-6 8 hours	Chemistry 11-12 6 hours
Biology 1-2 8 hours	Biology 5 or 7 6 hours
Biology 8 or 10 4 hours	Biology 8 or 10 6 hours
Psychology 1-2 6 hours	Economics 1-2 6 hours
Biblical Literature 6 hours	Electives 6 hours

In case the student is compelled to shorten his pre-medical course he should consult with the Professor of Biology before planning his courses.

MINISTRY

The best divinity schools in the country are all on the graduate basis, requiring for admission the completion of the college course or its equivalent. The college work for students preparing for the Christian ministry should include courses in Greek and Latin, Biblical literature, English language and literature,

political and social science, and history. The following schedule is suggested for the first two years:

First Year	Second Year
English 1-2 6 hours	English 7-8 4 hours
Greek 1-2 10 hours	History 1-2 6 hours
Mathematics 1-2 6 hours	Biblical Literature 1-2 6 hours
Economics A, B 6 hours	Psychology 1-2 6 hours
Biblical Literature 3-4 4 hours	Sociology 1 3 hours
	Biology 1-2 8 hours

PREPARATION FOR TEACHING

Professional standards for teaching are being raised constantly and it is becoming increasingly difficult for the college graduate without special training to secure a good position. The North Central Association requires that teachers in its accredited schools shall have had fifteen semester hours in Education. The Illinois State Examining Board requires for the high school certificate a minimum of twelve semester hours, including educational psychology and a course in methods of teaching. The requirements for certificates in other states vary.

Students expecting to teach should consult with the Department of Education as early as possible, preferably at the beginning of their sophomore year. They should plan to major in the subjects they expect to teach and to elect as many courses in Education as possible. All prospective teachers are advised to elect a course in public speaking. Psychology 7 (Genetic Psychology), and Psychology 8 (Measurement of Intelligence) should be of assistance, and may be used in meeting the requirements for a teacher's certificate. Many of the other departments offer teachers' courses or a sequence of courses recommended for those preparing to teach.

DEPARTMENT OF BUSINESS ADMINISTRATION

The purpose of this department is to prepare men and women for ultimate leadership in business, political life, and social service. Prerequisite to such leadership is the ability to qualify as well-trained in some specific field of income-yielding endeavor. Each student, therefore, is given the broadest possible basis of cultural education, with an effective specialization in some subject of his choice, in which there is demand for trained workers in the practical field.

Students who intend to go on to post graduate work in the Social Sciences after receiving the Bachelor's degree, should merely register for a major in Economics or Political Science, as outlined on pages 53-54.

Students desiring a commercial course, or preparing definitely for professional life in Accountancy, Banking, Industrial Arbitration, Insurance, Labor or Production Management, or Sales Management, may begin specialization at once on Schedule 1, below.

Students desiring specific preparation for social service, Employment Management, or the teaching of the social sciences, may begin specialization at once on Schedule II, below.

Upon completion of either Schedule 1 or Schedule II, comprising 126 credit hours, the degree of Bachelor of Arts in Business Administration will be conferred.

It will be noted that these schedules are so arranged that the student may, at any time previous to the junior year, transfer to any other field without loss of credits or standing.

SCHEDULE I.

ECONOMICS, COMMERCE, AND MANAGEMENT

FRESHMAN YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
English Composition (Eng. 1)	3	English Composition (Eng. 2)	3
Algebra (Math. 1)	3	Trigonometry (Math. 2)	3
Modern Language	3	Modern Language	3
Mod. European History	3	Mod. European History	3
Economics A	3	Economics B	3
	15		15

SOPHOMORE YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
American Govt. (Pol. Sci. 1)	3	American Govt. (Pol. Sci. 2)	3
Modern Language	3	Modern Language	3
Laboratory Science	4	Laboratory Science	4
Accounting (Econ. 3)	3	Accounting (Econ. 4)	3
Economics 1	3	Economics 2	3
	16		16

JUNIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
English 5 or 7	2	English 6 or 8	2
Money Credit and Banking (Econ. 7)	3	Corporation Finance (Econ. 8)	3
Labor Hist. and Theory (Econ. 15) or Foreign Trade (Econ. 21)	3	Labor Problems (Econ. 16) or Value and Distribution (Econ. 12)	3
Marketing (Econ. 13) or Statistics (Econ. 9)	3	Sales Management (Econ. 14) or Economic Cycles (Econ. 10)	3
Electives	6	Electives	6
	17		17

SENIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Business Law (Econ. 5)	3	Business Law (Econ. 6)	3
Foreign Trade (Econ. 21) or Labor Hist. and Theory (Econ. 15)	3	Value and Distribution Econ. 12) or Labor Problems (Econ. 16)	3
Statistics (Econ. 9) or Marketing (Econ. 13)	3	Economics Cycles (Econ. 10) or Sales Management (Econ. 14)	3
Electives	6	Electives	6
	15		15

SCHEDULE II.

SOCIOLOGY AND SOCIAL SERVICE

FRESHMAN YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
English Composition (English 1)	3	English Composition (Eng. 2)	3
Algebra (Math. 1)	3	Trigonometry (Math. 2)	3
Modern Language	3	Modern Language	3
Mod. European History	3	Mod. European History	3
Social Origins (Econ. A)	3	Economic Hist. of U. S. (Econ. B)	3
	15		15

SOPHOMORE YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
American Govt. (Pol. Sci. 1)	3	American Govt. (Pol. Sci. 2)	3
Modern Language	3	Modern Language	3
Laboratory Science	4	Laboratory Science	4
Psychology 1	3	Psychology 2	3
Economics 1	3	Economics 2	3
	16		16

JUNIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Principles of Sociology (Soc. 3)	3	English 6 or 8 Abnormal Psychology (Psyc. 4)	2
English 5 or 7	2	(Psyc. 4)	3
Social Psychology (Psyc. 3)	3	Labor Problems (Econ. 16) or Social Ethics (Soc. 8)	3
Labor Hist. and Theory (Econ. 15) or Statistics (Econ. 9)	3	Charities and Correc- tions (Soc. 4) or Comparative Re- ligions (Bib. Lit. 8)	3
Marketing (Econ. 13) or Elective	3	Electives	6
Elective	3		17
	17		17

SENIOR YEAR

First Semester	Credit Hours	Second Semester	Credit Hours
Statistics (Econ. 9) or Lab. Hist. and Theory (Econ. 15)	3	Social Ethics (Soc. 8) or Labor Problems (Econ. 16)	3
Elective or Marketing (Econ. 13)	3	Comparative Religions (Bib. Lit. 8) or Charities and Cor- rections (Soc. 4)	3
Electives	9	Electives	9
	15		15

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The Degree of Master of Arts may be conferred upon graduates of Lake Forest College or upon graduates of other institutions of equal standing under the following conditions:

The applicant for graduate work must present his credentials to the Committee on Graduate Work, which will supervise his admission and enrollment. As soon as possible thereafter, and before October 15, the candidate will present to the Committee on Graduate Work a plan of study, approved and signed by his instructors. One year of resident graduate work is required for the degree, consisting normally of from 9 to 12 hours of graduate work for each semester, at least half of which should be taken in some one department. Undergraduate courses, not listed for graduate credit, may be selected in addition to the normal amount of graduate work with the approval of the professor in charge of the student's major and of the Committee on Graduate work. A thesis must further be presented on an approved topic pertaining to the major subject. The title of this thesis must be filed with the Committee on Graduate Work not later than December 1, and the thesis itself must be in the hands of the examining committee not later than May 15. It shall be printed or typewritten, and a copy furnished to the college library.

The final examination of the candidate will take place at an appointed date, during the two weeks immediately preceding Commencement. The examination will be conducted by a committee composed of the head of the department in which the student has done his major work, and at least two other members of the faculty chosen from other departments.

A fee of \$150 is charged for the year of graduate work, and \$10 for the diploma.

DEPARTMENTS OF INSTRUCTION

In the numbering of the courses, odd numbers indicate first semester courses, even numbers second semester courses. A hyphen between the semester course numbers (1-2) indicates that credit will be given only on the completion of the whole year's work. A comma between the numbers (3, 4) indicates that credit will be given for the work of either semester. The number of hours refers to the credit per semester allowed for the course; see page 52. The departments of study are arranged alphabetically.

ASTRONOMY

HAROLD B. CURTIS, Professor

2. GENERAL ASTRONOMY.—In addition to text book work the course includes observation with the small portable telescope, sextant, etc., and practice in some of the fundamental problems of spherical astronomy. Prerequisite: Trigonometry. *Three hours a week, second semester.*

3, 4. THEORETICAL ASTRONOMY.—Opportunity is given for advanced work on the theoretical side of the subject. There is a small but well selected library, and the most important periodicals are available for student use.

BIBLICAL LITERATURE

HERBERT McCOMB MOORE, Professor

GEORGE ROBERTS, Acting Professor

The courses of study in related subjects which will be accepted toward fulfilling the major requirement of 36 hours in this department are Philosophy 3-4; Philosophy 5; Psychology 3 and 4; Political Science 3-4, and 6; and Education 1.

1-2. CHARACTER STUDIES IN THE OLD TESTAMENT.—Studies in character analysis and religious evolution. The history of the Hebrews is used as the basis of character analysis of the significant figures of Old Testament literature, and as a guide to the proper understanding of the origin and development of religious forms, concepts, and ideals. *Three hours a week, two semesters.*

3-4. OUTLINES OF NEW TESTAMENT LITERATURE.—The pur-

pose of this course of study is to outline in a general way the thought of New Testament literature, and to determine through a study of the content of each book and its historical setting the significance and religious value of the writings of the New Testament. *Two hours a week, two semesters.*

5. NATIONAL CRISES AND PROPHETIC IDEALS.—The nature of the period in which the prophet lived; his environment and his historical antecedents; the unsocial practices and forms of injustice and immorality peculiar to his time; the judgment of God upon civic and national unrighteousness; the persistent hope and undimmed faith of godly men amidst situations that invited doom; these are some of the considerations, as an analysis of the life and times of each prophet is made. *Two hours a week, first semester.*

6. THE TEACHINGS OF JESUS.—This study is pursued with a view to stating as simply as is consistent with accuracy the fundamental principles which Jesus enunciated and emphasized by His own conduct. That the student may have the proper perspective, these teachings are related to historical antecedents, and contrasted with contemporary thought. The timeliness, the timelessness of Jesus' teachings is brought out by a study of the application of His teachings to modern problems. *Two hours a week, second semester.*

7. RELIGIOUS FOUNDATIONS.—An effort will be made in this course to determine the essentials of an adequate faith, and to interpret religion in terms of its abiding values. Questions concerning the character of God, of man, of prayer, of immortality, of revelation, of sin, of service, will be among those considered. No prerequisites. *Two hours a week, first semester.*

8. COMPARATIVE STUDIES IN THE WORLD RELIGIONS.—The purpose of this course is to acquaint the student with the historical development as well as the present ceremonies and practices of the influential religions of the world. A comparison will be made of the aims, methods, and essential character of each, emphasizing the strength and weakness of each and its effect upon the progress of civilization. *Two hours a week, second semester.*

10. CHRISTIANITY AND ECONOMIC PROBLEMS.—An appraisal of the economic order in the light of Christian principles. The purpose is not to accent dogmatically needed reforms and adjustments, but to encourage individual thought upon economic problems as related to spiritual values and in terms of human well-being interpreted in the light of the Christian way of life. No prerequisites. *Two hours a week, second semester.*

11. ILLUSTRIOUS MEN AND WOMEN AS LIFE TEACHERS.—Studies in biography. The lives of outstanding men and women, conspicuous for their contributions to the arts and sciences, their service to humanity, their statesmanship, their varied benefactions, will be studied. Among these are Dante, Hugo, Michel-Angelo, Ruskin, Cleveland, Agassiz, Pasteur, Livingstone, Wagner, Phillips Brooks, and Franklin. Open to all classes. No prerequisites. *Two hours a week, first semester.*

12. INTERNATIONAL PROBLEMS AND CHRISTIAN CONDUCT.—An effort will be made to view international relations in the light of Christian ideals and standards, to analyse the difficulties and problems which arise from the interplay of unethical and unchristian motives in the contract of nations. The teachings and principles of Christ will be the background against which will be thrown international policies and practices to determine the Christian way of life in international matters. Open to advanced students.

BIOLOGY

BRUCE LINEBURG, Professor

A student majoring in this department shall take courses 1, 2, 7, 8, 10, and any two of the remaining courses to make a total of twenty-four credit hours. Any combination of college courses in Chemistry, Physics, Mathematics, or Psychology, which totals at least twelve credit hours will be accepted as complementary to the major in Biology, provided that eight credit hours are in one of those departments.

Students primarily interested in removing the graduation requirements should take Biology 1-2 or 1-4. Premedical students should take courses 1-2, 8 and 10 as a minimum. Further information concerning a suggested premedical course will be found on page 56. Prospective teachers of Biology should take courses 1-10 inclusive.

Entrance to courses 7 to 10 inclusive is conditional upon the grade of work done in previous biological courses.

1-2. GENERAL BIOLOGY.—A study of the general principles of living matter. During first semester emphasis is placed upon plant biology; second semester upon animal biology. The pur-

pose of the course is to train the student in observation, and in the use of scientific methods, and also to furnish him with the important facts concerning plant and animal life. In the laboratory first-hand information is obtained from experiments and observation upon living animals, as well as from dissection. Field work is done in the spring. *Four hours a week, two semesters.*

4. BOTANY.—An introduction to the principles of plant life, based upon a study of the structures and functions of selected plants. Lectures, recitations, and laboratory work. Prerequisite: Biology 1. Given in 1926-27 and alternate years. *Four hours a week, second semester.*

5. BIOLOGY OF HUMAN AFFAIRS.—A course designed to give the student a conception of the fundamental facts and theories of biological science. A lecture and reading course emphasizing the phases of the subject of greatest importance in connection with human problems. Not open to freshmen. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

7. EVOLUTION, GENETICS AND EUGENICS.—A lecture and seminar course dealing with the facts of evolution and genetics, with a consideration of the more important theories which attempt to explain those facts. Prerequisite: Biology 1-2 or 1-4. Given in 1927-28 and alternate years. *Three hours a week, first semester.*

8. GENERAL PHYSIOLOGY.—An introductory study of the phenomena exhibited by living matter, and their interpretation from a physico-chemical standpoint. The general physiology of muscle and nerve, digestive tract, the circulatory system, the co-ordinate activities of the nervous system and the sense organs (including reflexes and tropisms) are the chief topics considered. Lectures and laboratory work. Prerequisite: Biology 1-2. Given in 1927-28 and alternate years. *Four hours a week, second semester.*

10. VERTEBRATE ZOOLOGY.—A study of the anatomy, histology, and embryology of representative vertebrates. Designed for those students who plan to study medicine, and those who major in biology. Lectures and laboratory work. Prerequisite: Biology 1-2. Given in 1926-27 and alternate years. *Four hours a week, second semester.*

11. MARINE ZOOLOGY.—Summer work at the Marine Laboratory, Woods Hole, Mass. Five to twelve credit hours depending upon the amount and quality of the work.

15-16. BIOLOGICAL PROBLEMS.—Special topics for investigation in the field, laboratory, or library may be assigned to advanced students. *Credit hours to be arranged.*

CHEMISTRY

FLETCHER B. COFFIN, Professor

Students majoring in Chemistry should in addition to 24 hours in Chemistry, take courses in German, Physics, and Calculus. Those intending to study medicine should also take several courses in Biology.

1-2. GENERAL INORGANIC CHEMISTRY.—This course is arranged to give a full exposition of the general principles involved in modern chemistry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds and of the applications of chemistry in technology. Lectures and laboratory work. *Four hours a week, two semesters.*

3-4. QUALITATIVE ANALYSIS.—This course includes, besides basic and acid analysis of simple substances, analysis of complex mixtures, alloys, and minerals. Lectures and laboratory work. Courses 1-2 and 3-4 or their equivalent are prerequisites to the higher courses. *Four hours a week, two semesters.*

5-6. QUANTITATIVE ANALYSIS.—In this course the student obtains a practical knowledge of quantitative chemical analysis. A number of analyses are made, using the more important gravimetric and volumetric methods. *Four hours a week, two semesters.*

7,8. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of course 5-6. It will ordinarily include water analysis, gas analysis, and the analysis of soils, ores, and feldspars; however, the subject matter may be changed to suit the needs of the individual student. *Three to five hours a week, two semesters.*

9, 10. PHYSICAL CHEMISTRY.—The most important principles of physical chemistry are discussed in lectures. These include the gas laws, thermochemical change, phase rule, osmotic pressure, electrolytic dissociation, chemical statics and dynamics, and electro-chemistry. Parallel assigned reading from the modern treatises of Ostwald, Nernst, Walker, Jones, and other writers is required. *Two hours a week, two semesters.*

11. ORGANIC CHEMISTRY.—Lectures on the fundamental principles of organic chemistry. Stress is laid on the methods

of preparing organic compounds, their structures and relationships. *Three hours a week, first semester.*

12. ORGANIC PREPARATIONS.—This is a laboratory course which presupposes Course 11. A number of typical organic compounds are prepared. *Three hours a week, second semester.*

13,14. RESEARCH WORK.—Special topics for investigation by advanced students will be assigned after consultation. Time and credit individually arranged.

A course not offered one year is ordinarily offered the succeeding year.

ECONOMICS AND BUSINESS

JOHN H. SHERMAN, Professor

ERNEST A. JOHNSON, Assistant Professor

OLIVER S. HECKMAN, Acting Assistant Professor

A major in Economics must include Sociology 1, and either Economics 11 and 12 or Economics 15 and 16. For purposes of major election in Economics, Sociology 1, 2, and 8 are treated as though in Economics. The additional 12 hours to meet the major requirement may be taken in History, Mathematics 7, 8, 21, or 22, Philosophy, Psychology and Sociology.

A. SOCIAL ORIGINS.—A course designed to furnish a general introduction to the social sciences and to stimulate the student to independence of thought and reflective thinking. After a brief consideration of the nature of scientific method and the uses of fact, hypothesis, and theory in the search for truth, the course seeks to trace the origins and development of social and cultural institutions, with especial attention to the fundamental economics and social institutions, and to the motivating forces in human activity. Designed specifically to prepare the student for following work in Economics 1, Political Science 1, or Sociology 1. Primarily for freshmen. Only two hours credit if taken after sophomore year. *Three hours a week, first semester.* Professor Sherman.

B. ECONOMIC HISTORY OF THE UNITED STATES.—The history of the development of social life, commerce, and industry within the United States, and of the development of commercial relations with other countries, with incidental study of the simpler concepts of Economic and Social theory as they occur in necessary explanation. Essentially a citizenship course, and of aid to the student in securing a broader basis for later stud-

ies in Economics 1, Political Science 1, or Sociology 1. Primarily for freshmen. Only two hours credit if taken after the sophomore year. *Three hours a week, second semester.* Professor Sherman.

1-2. PRINCIPLES OF ECONOMICS.—The purposes of this course are to develop the fundamental principles, to open the field of economics in the way most helpful to further and more detailed study of special problems, and to give to those not intending to specialize in the subject a comprehension of the general groundwork of economics and of political economy. The course covers wealth production, conditions of productive efficiency, fundamentals of trade, theories of value and laws of price, and the conditions which underlie the present order and determine the social and personal distribution of wealth and income. Juniors and seniors. Sophomores by permission. *Three hours a week, both semesters.* Professor Sherman.

3-4. ELEMENTARY ACCOUNTING.—This is an introductory course designed to give the student a thorough understanding of the general principles of accounting, the method of accounting, and accounting terminology. The development of the several books and forms is discussed, considerable emphasis being placed upon the reasons why they are used and how they are designed. The subject matter includes: theories of debit and credit; classification of accounts; different types of accounts used in business; the preparation of the books of a single proprietorship, a partnership, and a corporation. The problems to be worked by the student are identical with those which will be confronted in business. *Three hours a week, both semesters.* Assistant Professor Johnson.

5-6. BUSINESS LAW.—The legal principles applicable to commercial transactions. In the first semester a general survey is made of the formation, interpretation, operation, and discharge of contracts,—one of the indispensable aids to the functioning of the business world. In the second semester there is a more detailed study of the legal rules governing the sale of goods, and negotiable instruments. The purpose of the course is to build up a knowledge of the fundamentals of each subject by a combination of the case, lecture, and problem method. Prerequisite: Economics 1-2. *Three hours a week, two semesters.* Professor Ellingwood.

7. MONEY, CREDIT, AND BANKING.—The nature and use of money as a medium of exchange. Recent monetary history, and the existing monetary systems of the United States and the more important foreign countries. Bimetallism, credit, credit in-

structions, paper money, the quantity theory of money, the relation of money and credit to prices, and modern currency problems. A survey of financial institutions in modern society. Particular emphasis on the principles of commercial banking. An outline of the banking systems of England, France, and Germany, and a careful analysis of the Federal Reserve System in the United States. Discussion of current topics and statistics relating to money, banking, domestic and foreign commerce and exchange, price movements, etc. Prerequisite: Economics 1-2. *Three hours a week, first semester.* Assistant Professor Johnson.

8. CORPORATION FINANCE AND INDUSTRIAL ORGANIZATION.—Study of the different types of business organizations with emphasis upon the corporation. The process of formation of corporations, kinds of securities, methods of promotion, underwriting, capitalization, etc.; principles of corporate administration, investment of funds, financial statements, depreciation funds, dividends; the failure of corporations, receiverships, and reorganizations. Advantages and disadvantages to the business man and to society of the corporate form of organization. Public utility corporations. The trust problem. A standard financial journal is used. Prerequisite: Economics 1-2 and 3-4. *Three hours a week, second semester.* Assistant Professor Johnson.

9. STATISTICS.—A study of statistical methods appropriate for dealing with problems in the social sciences and business. Emphasis will be given to sources of error; critical examination of data; properties and uses of the common averages; formation and interpretation of index numbers. Prerequisite: Economics 1-2. Given 1927-28 and alternate years. *Three hours a week, first semester.* Assistant Professor Johnson.

10. ECONOMIC CYCLES AND CRISES.—A study of recurrent periods of business prosperity and depression, and the theories offered to explain them. Students will examine the factors which must be considered and the statistical methods used in attempting forecasts of general business conditions. Prerequisite: Economics 7 and 9. Given 1927-28, and alternate years. *Three hours a week, second semester.* Assistant Professor Johnson.

11. HISTORY OF ECONOMIC THOUGHT.—A survey of the development of the major lines of economic theory from the Canon Law to the Austrian School, with especial attention to value theory, the theory of the distribution of wealth and income, and theories of the economy of nations. Prerequisite: Economics 1-2. Given 1927-28 and alternate years. *Three hours a week, first semester.* Professor Sherman.

12. VALUE AND DISTRIBUTION.—Critical analysis and discussion of leading theories of value and distribution: the objective, subjective and volitional theories of value; the legal theory as developed in the decisions of the courts. Problems of valuation of public utilities for rate-making, etc. Laws of population; wage theories; the rent of land; interest; the nature of profits. Prerequisite: Economics 11, or 15 hours in the department, including Economics 1-2. Given in 1927-28 and alternate years. *Three hours a week, second semester.* Professor Sherman.

13. MARKETING.—A course designed for students wishing a fundamental knowledge of the existing market structure; and for the preparation of those desiring to specialize in sales management, advertising or retailing. It treats of marketing functions and market institutions; problems involved and methods used in marketing agricultural products, raw materials, and manufactured goods; functions, positions, and modes of operation of the various types of middleman; the nature and methods of retailing; use and place of advertising and salesmanship; methods of sale, finance, credits and collections; the uses of brand trade marks and trade names; price maintenance; legally unfair methods of competition; the role of organized speculation. Illustrative materials will be mainly from the food field; the social view of the problems will be kept uppermost, and problems of city food supply will be examined in some detail. Prerequisite: Economics 1-2. Given 1928-29, and alternate years. *Three hours a week, first semester.* Professor Sherman.

14. SALES MANAGEMENT.—Theory and problems of advertising; retailing; salesmanship. Market analysis; planning of the campaign; and control of salesmen. Sales management of distribution through independent dealers. Considerations governing price policies and merchandising policies. Prerequisite: Economics 13. Given 1928-29 and alternate years. *Three hours a week, second semester.* Professor Sherman.

15. HISTORY AND THEORY OF LABOR.—Study of the historical background of present-day labor problems, having special reference to the rise and development of labor organizations in England and the United States, with parallel study of the development of labor theories and policies. Prerequisite: Economics 1-2. Given 1928-29 and alternate years. *Three hours a week, first semester.* Assistant Professor Johnson.

16. LABOR PROBLEMS.—Study of the relation of the labor interest to current trends in modern society, with analysis of the economic doctrines involved in present controversies over wages and trade organizations. Especial attention is given to

employers' associations and labor unions, with their respective methods of bargaining; unemployment; woman and child labor; employment methods; scientific management; and systems of wage payments. Prerequisite: Economics 1-2. Given 1928-29 and alternate years. *Three hours a week, second semester.* Professor Sherman.

17-18. **ADVANCED ACCOUNTING AND PRACTICE.**—This is a combined lecture and problem course. It is divided into two sections, the first section consisting of a corporation manufacturing set with suitable blank books. Accounting theory of an advanced nature is discussed in connection with the working out of the set. The second section consists of a series of well-graded problems illustrating, by means of the ordinary method of keeping accounts, the growth of the business. Some unrelated problems illustrating special forms of statements, and the consolidated balance sheet are also included. Theory topics discussed under this section are liquidation of a corporation, combinations and consolidations, branch house accounting, adjustments of fire-losses, and accounts and reports of receivers and trustees. Prerequisite: Economics 1-2 and 3-4. Given 1928-29, and alternate years. *Three hours a week, two semesters.* Assistant Professor Johnson.

19-20. **THE GOVERNMENT AND BUSINESS.**—A survey of the relations of the federal and state governments with various forms of business enterprises and industrial organizations. A discussion of the police power which forms the legal basis for much government regulation. The application of the police power to business in general and particularly to the corporation. The prevention of monopoly, restraint of trade and unfair competition with special emphasis on the legislation and regulation of the federal government on these subjects. The government and wage bargaining by individuals and by groups. Government regulation of hours and wages. Measures to prevent accident and disease in industry. Insurance by government action against industrial risks. Summary of government relation to business in other fields. An evolution of the political, economic, and social results of government action. Prerequisite: Economics 1-2 and Political Science 1-2. *Three hours a week, two semesters.* Assistant Professor Heckman.

21. **FOREIGN TRADE.**—The nature, methods, and policies of international commerce. A sketch of the development of the foreign trade of the U. S., and an examination of the commercial position occupied by the U. S., as a result of the world war, ending with an analysis of our present export balance, and a consideration of the probable tendencies in the immediate future.

Some of the topics discussed are trade routes, tariff policies, sales methods, shipping facilities and policies, and an American merchant marine. Emphasis is placed upon American problems, especially those pertaining to the financial and industrial organizations, for carrying on foreign trade. The course includes a rapid survey of the principles and practices of foreign exchange and a discussion of the relation between foreign trade and abnormal rates of exchange. Prerequisite: Economics A, B and 1-2. Given 1927-28 and alternate years. *Three hours a week, first semester.* Assistant Professor Johnson.

22. **TRANSPORTATION.**—Railways, waterways, and airways from the point of view of economics. The history of the transportation problems in the U. S. since the Civil War. Theories of rates; combination and pooling; consolidation; federal and state control of common carriers; government ownership. A comparative study of the railway systems of other countries, especially England, France and Canada, with a consideration of the economic significance of the world's great railway systems. A survey of the Interstate Commerce Act, the work of the Interstate Commerce Commission, important rate cases, and the operation of the Transportation Act of 1920. Prerequisite: Economics 1-2. Given 1927-28, and alternate years. *Three hours a week, second semester.* Assistant Professor Johnson.

23. **SUMMER FIELD WORK.**—Students who are candidates for the degree in Business Administration, and all students taking major in Economics, are urged to spend at least one twelve-week (summer vacation) period at practical work as wage-earners in business other than the businesses of their parents or relatives. So far as possible the work selected should be along the line for which the student is preparing, but the primary objective is the attainment of a sympathetic understanding of the worker's point of view. The twelve weeks must be consecutive; the hours of employment not less than 44 per week; and the employing firm and the job must be recorded and approved by the Dean prior to July first. No credit will be allowed if more than 36 working hours have been lost during the employment period. Credits thus earned will be accredited to the first semester of the following academic year. No student may apply more than six such credits toward graduation, or more than two toward the major requirement. (The remaining four will be applied as electives when earned.) *Credit per employment period, two semester hours.*

24. **PUBLIC FINANCE.**—An introduction to the general field of public finance, followed by an analytic treatment of financial

systems in the U. S. and certain other countries. Public revenues, their nature, classification, and characteristics; public expenditures, their classification and distribution; public credit, its methods and operation. A comparative study is made of budget systems, local and national, and special attention is given to state and federal taxation systems and problems in the United States. Prerequisite: Economics 7. Given 1928-29 and alternate years. *Three hours a week, second semester.* Assistant Professor Johnson.

25, 26. RESEARCH PROBLEMS.—Senior students whose personal qualifications and records give promise of ability and initiative may elect a practical problem each, for field and library research under guidance. Advantage should be taken of this opportunity to study further into the subjects which have particularly aroused interest in sophomore or junior year; as for example, higher branches of accountancy, banking practice, or vital statistics in the insurance field. Students taking majors in Economics or modern languages, may, if they desire, select problems involving the study of economic works in the languages of their specialization. Problems are normally planned to carry through the year, with two hours credit each semester, but more (or less) credit may be allowed when warranted by the volume and quality of the results accomplished. Prerequisite: twenty hours in the department. Consultation hours arranged individually by appointment.

EDUCATION

MARGUERITE W. KEHR, Assistant Professor

1. HISTORY OF EDUCATION.—A study of the origin and development of educational institutions, practice and theory of the present day. *Three hours a week, first semester.*

2. EDUCATIONAL PSYCHOLOGY.—A study of the psychological basis of educational theory and practice. Psychology 1-2 should precede or accompany this course. *Three hours a week, second semester.*

3. HIGH SCHOOL PROBLEMS.—Study and discussion of important problems of the secondary school. *Three hours a week, first semester.*

4. PHILOSOPHY OF EDUCATION.—Study and discussion of the philosophical principles which form the basis of progressive educational theory and practice. Prerequisite: six hours in Education. *Three hours a week, second semester.*

5, 6. EDUCATIONAL PROBLEMS.—Special topics for investi-

gation. Open only to advanced students. Credit and hours to be arranged.

ENGLISH

DANIEL FORD, Professor

WALTER RAY BRIDGMAN, Professor

ELIZABETH HOPE GORDON, Assistant Professor

English 1-2 constitutes six hours of composition required of all students, and is to be taken in the freshman year. For the four hours of literature which are required either 5-6 or 7-8 should be taken. Students who choose English as a major subject will take twenty-four hours in addition to 1-2, including 15-16, 21-22, and 29-30. The following courses count toward satisfying the 24 hours to be taken in this department: 5-6, 7-8, 9-10, 13-14, 15-16, 17-18, 21-22, 23-24, 29-30, 31-32, 37-38, 43-44. The remaining 12 hours (necessary to complete the major requirement of 36 hours) may be elected among these courses: English 33-34, 35-36; Speech 1-2, 5-6 7-8, 13-14; Greek 1-2, 4, 5, 6; History 5-6, 9-10; Latin 1, 2, 4 and 5; French 7, 8 and 11, 12; Philosophy 5,6; Psychology 1-2.

1-2. ENGLISH COMPOSITION.—A study of structure and style with particular attention to paragraph development; also a study of the forms of discourse. Written work with conferences; outside reading. *Three sections. Three hours a week, two semesters.* Professor Ford and Assistant Professor Gordon.

5-6. VICTORIAN LITERATURE.—English writers of the last three generations, particularly Macaulay, Carlyle, Arnold, Newman, Huxley, Browning, Tennyson, and Morris. First semester, prose; second semester, poetry. Prerequisite: English 1-2. Not given in 1927-28. *Two hours a week, two semesters.* Professor Ford.

7-8. HISTORY OF ENGLISH LITERATURE.—Lectures and outside reading. Prerequisite: English 1-2. Given in 1927-28. *Two hours a week, two semesters.* Professor Ford.

9-10. THE RENAISSANCE.—Milton and the Neo-Classical Movement. A more intensive study than that pursued in English 7-8 of English prose and poetry of the 14th, 15th, 16th, 17th and early 18th centuries. For special study, Chaucer, Spenser,

6. **DRAMA.**—One play of each of the tragedians, and the *Birds* of Aristophanes; with a full course of lectures on the Greek theatre, and comparison with modern drama. *Three or five hours a week, second semester.*

7. **HERODOTUS**, one book, **LYRIC POETS**, selections. *Two hours a week, first semester.*

8. **GREEK AND ROMAN MYTHOLOGY.**—A survey of the subject through the use of Gayley's *Classic Myths* and Ovid's *Metamorphoses* in translation, with some reference to modern interpretation of the myths in literature and art. Credit in English or general credit. Given in 1927-28. *Two hours a week, second semester.*

GREEK LITERATURE AND CIVILIZATION.—Through translation. See under English 35-36.

Courses in the *Historians* and *Orators* or in *Lucian* will be given whenever there is a demand for them, in alternate years, in substitution for 5 and 6.

HISTORY

GEORGE A. WOOD, Professor

In fulfilling the requirements for a major in History, twenty-four hours are to be chosen from the courses offered by this department. In addition, to complete thirty-six hours, the following complementary courses will be accepted for not more than twelve semester hour credits: Economics 1-2, Education 1, English 7-8 and 29-30, Philosophy 3-4, Political Science 1-2, 3-4, and 5-6, French 11, 12.

1-2. **EUROPE FROM THE ROMAN EMPIRE TO THE FRENCH REVOLUTION.**—This course sketches Roman imperial history in outline and traces the development of Europe from the disintegration of the Empire to the French Revolution. Its purpose is to show the life of the people of Europe as it was lived and also to call attention to those phases of it which seem to link up most closely with the life of today. It stresses the decline of the Roman Empire, the Barbarian invasions, the Byzantine Empire, the Medieval Church, feudalism, the Crusades, medieval towns, cities and culture, the growth of national institutions, the decline of the Papacy, the Italian Renaissance, the Reformation, dynastic and colonial rivalry. Not given in 1927-28. *Three hours a week, two semesters.* Either 1-2 or 3-4 furnishes a good introduction to other courses in history.

3-4. **EUROPE SINCE 1789.**—The background for the period is presented in a survey of medieval rural and urban life including industrial and commercial as well as intellectual development. The early modern period is sketched, and the stages by which modern civilization and national life have developed and the vicissitudes through which they have recently passed are stressed. Full treatment is given to the eras of Napoleon and Metternich, industrial and social changes, the growth of democracy and of nationalism, recent European national history, national imperialism, the genesis of the World War, the events of that war, more recent developments. *Three hours a week, two semesters.*

5-6. **THE UNITED STATES FROM THE DISCOVERY OF AMERICA TO DATE.**—The purpose of this course is to present facts which will contribute to good citizenship and orient students in the history of their country. It includes the discovery, settlement, and colonial development of the regions now within the United States, the conditions leading to the American Revolution, the evolution and the provisions of the Constitution, the establishment of the national government and the development of the nation under it. The following leading national themes are stressed; the structure of the government, foreign complications, the growth of national feeling, the Monroe Doctrine, westward expansion, the slavery question, the Civil War, Reconstruction, financial problems, political reforms, labor and capital, the growth and regulation of corporations, the United States as a world power, the Spanish-American War and territorial expansion, Caribbean interests and policy, the United States and the World War, the United States since the war. Given in 1928-29 and alternate years. *Three hours a week, two semesters.*

7-8. **LATIN AMERICA.**—The discovery of America and the conquests and colonization accomplished there by Spain and Portugal are treated. The Spanish colonial system in Spain and the colonies is described and an account is given of the economic and social factors in Spanish colonization. Defects in the system and consequent failures in administration are noted. Portuguese settlement and progress in Brazil are traced. The revolt of the Spanish colonies is developed and followed to the establishment of independent republics. The political history of these republics is outlined including their relations with each other and with the outside world. Much attention is given to economic and social conditions. Problems relating to political and social unrest, the development of natural resources, religion, education, and race relationships are dealt with. The separation of Brazil from Portugal and its national

systems in the U. S. and certain other countries. Public revenues, their nature, classification, and characteristics; public expenditures, their classification and distribution; public credit, its methods and operation. A comparative study is made of budget systems, local and national, and special attention is given to state and federal taxation systems and problems in the United States. Prerequisite: Economics 7. Given 1928-29 and alternate years. *Three hours a week, second semester.* Assistant Professor Johnson.

25, 26. RESEARCH PROBLEMS.—Senior students whose personal qualifications and records give promise of ability and initiative may elect a practical problem each, for field and library research under guidance. Advantage should be taken of this opportunity to study further into the subjects which have particularly aroused interest in sophomore or junior year; as for example, higher branches of accountancy, banking practice, or vital statistics in the insurance field. Students taking majors in Economics or modern languages, may, if they desire, select problems involving the study of economic works in the languages of their specialization. Problems are normally planned to carry through the year, with two hours credit each semester, but more (or less) credit may be allowed when warranted by the volume and quality of the results accomplished. Prerequisite: twenty hours in the department. Consultation hours arranged individually by appointment.

EDUCATION

MARGUERITE W. KEHR, Assistant Professor

1. HISTORY OF EDUCATION.—A study of the origin and development of educational institutions, practice and theory of the present day. *Three hours a week, first semester.*

2. EDUCATIONAL PSYCHOLOGY.—A study of the psychological basis of educational theory and practice. Psychology 1-2 should precede or accompany this course. *Three hours a week, second semester.*

3. HIGH SCHOOL PROBLEMS.—Study and discussion of important problems of the secondary school. *Three hours a week, first semester.*

4. PHILOSOPHY OF EDUCATION.—Study and discussion of the philosophical principles which form the basis of progressive educational theory and practice. Prerequisite: six hours in Education. *Three hours a week, second semester.*

5, 6. EDUCATIONAL PROBLEMS.—Special topics for investi-

gation. Open only to advanced students. Credit and hours to be arranged.

ENGLISH

DANIEL FORD, Professor

WALTER RAY BRIDGMAN, Professor

ELIZABETH HOPE GORDON, Assistant Professor

English 1-2 constitutes six hours of composition required of all students, and is to be taken in the freshman year. For the four hours of literature which are required either 5-6 or 7-8 should be taken. Students who choose English as a major subject will take twenty-four hours in addition to 1-2, including 15-16, 21-22, and 29-30. The following courses count toward satisfying the 24 hours to be taken in this department: 5-6, 7-8, 9-10, 13-14, 15-16, 17-18, 21-22, 23-24, 29-30, 31-32, 37-38, 43-44. The remaining 12 hours (necessary to complete the major requirement of 36 hours) may be elected among these courses: English 33-34, 35-36; Speech 1-2, 5-6 7-8, 13-14; Greek 1-2, 4, 5, 6; History 5-6, 9-10; Latin 1, 2, 4 and 5; French 7, 8 and 11, 12; Philosophy 5,6; Psychology 1-2.

1-2. ENGLISH COMPOSITION.—A study of structure and style with particular attention to paragraph development; also a study of the forms of discourse. Written work with conferences; outside reading. *Three sections. Three hours a week, two semesters.* Professor Ford and Assistant Professor Gordon.

5-6. VICTORIAN LITERATURE.—English writers of the last three generations, particularly Macaulay, Carlyle, Arnold, Newman, Huxley, Browning, Tennyson, and Morris. First semester, prose; second semester, poetry. Prerequisite: English 1-2. Not given in 1927-28. *Two hours a week, two semesters.* Professor Ford.

7-8. HISTORY OF ENGLISH LITERATURE.—Lectures and outside reading. Prerequisite: English 1-2. Given in 1927-28. *Two hours a week, two semesters.* Professor Ford.

9-10. THE RENAISSANCE.—Milton and the Neo-Classical Movement. A more intensive study than that pursued in English 7-8 of English prose and poetry of the 14th, 15th, 16th, 17th and early 18th centuries. For special study, Chaucer, Spenser,

history are sketched. Given in 1928-29 and alternate years. Open to juniors and seniors. *Two hours a week, two semesters.*

9-10. ENGLAND.—The history of England is treated as including British history. The core and most of the body of it is thought of as residing in the British Isles, but attention is also given to the growth of the Empire and to the international problems which accompanied imperial ambitions and expansion. The development is traced from the beginning of clear and reliable knowledge to 1914. An effort is made to show how and why the English constitution and government came into being and developed and also to record significant national interests and achievements wholly or partly aside from this main stream of national evolution. Thus attention is given to the English Reformation and its aftermath, social conditions and changes, the Industrial Revolution, economic policies, and scientific and cultural progress. Given in 1927-28 and alternate years. *Three hours a week, two semesters.*

11-12. THE COLONIZATION OF AND THE CONFLICT FOR THE MASTERY OF NORTH AMERICA.—This course deals with European colonization in North America considered as a whole. It includes not only English, but also Spanish, French, Swedish, Dutch, Russian, and Danish colonization. Geographically, the West Indies as well as the mainland fall within its scope. It aims to give a clear view of the origin and early development of the colonies which became the United States and her nearer neighbors. The institutions and culture contributed by Europe as well as those developed in North America are treated. The expansion of these stronger colonies and the international conflict for the control of the continent are stressed. Open to juniors and seniors. Not given in 1927-28. *Two hours a week, two semesters.*

13-14. RECENT AND CONTEMPORARY EUROPEAN PROBLEMS.—Important problems are studied in sequence making clear the evolution of institutions and movements in the light of human experience. For qualified advanced students. Given in 1928-29 and alternate years. *Hours and credits to be arranged.*

15-16. RECENT AND CONTEMPORARY AMERICAN PROBLEMS.—Fundamental problems of American development are investigated and discussed as phases of national progress. For qualified advanced students. Given in 1927-28 and alternate years. *Hours and credits to be arranged.*

19-20. AMERICAN DIPLOMACY.—The evolution of the Foreign Relations of the United States is traced historically. The colonial and national periods are covered, the former serving as a prelude for the latter upon which the chief emphasis is placed.

An attempt is made to present the role played by the United States in the family of nations and to show the ways in which this phase of her activity has reacted upon her national life. Open to juniors and seniors. Given in 1927-28 and alternate years. *Two hours a week, two semesters.*

HOME ECONOMICS

CHRISTINE PAYNE, Instructor

1-2. FOODS AND COOKING.—The aim of this course is to give a working knowledge of the general principles of cookery and the application of these principles. It will include the selection and preparation of food, and the planning, cooking, and serving of simple breakfasts, luncheons, and dinners. Prerequisite: one year of chemistry. *One hour lecture, four hours laboratory a week; three credits each semester.*

3. ADVANCED COOKERY.—This course deals with the preparation of fancy foods, and the selection of supplies with reference to economy and utility; practical experience in planning, preparing, and serving meals for a specified group at a definite cost. Prerequisite: Home Economics 1-2. *Three consecutive hours laboratory a week; two credits, first semester.*

4. ELEMENTARY DIETETICS.—This course includes a detailed study of the standards in diet for all ages, and also the study of diet for those who are sick. Estimates of food values and the preparation and service of practical dietaries constitute the laboratory work. Prerequisite: Home Economics 1-2. *One hour lecture or recitation, two hours laboratory a week; two credits, second semester.*

5-6. CLOTHING AND HOUSEHOLD ARTS.—Includes study of textiles and practical experience in choosing and in making clothing, also millinery. Study of home furnishings, selection, care and practical experience in making household accessories. *Three consecutive hours laboratory a week; two credits, each semester.*

7. CHILD CARE.—Emphasis placed on Nutrition. Problems pertaining to prenatal life and infancy with standards for normal growth and development. Summary of adequate diet with costs for a family. *Two hours a week, first semester; two credits. Repeated second semester.*

LATIN

WALTER RAY BRIDGMAN, Professor

The courses here given indicate somewhat the

range of choice allowed, but often other authors may be substituted, and some of the courses, as A-B, 3, 4, 5, will usually be offered only in alternate years. The order of these courses may be varied.

Additional courses in the Historians, Lucretius and Juvenal will be given on request or when required to make the major quota of 24 hours.

Additional hours to make 36 may be taken in Greek, or in English 35-36.

A-B. BEGINNING LATIN.—Intended primarily for those who desire some familiarity with Latin and some training in this fundamental language rather than for those who expect to continue its study. Given in 1927-28. *Five hours a week, two semesters.*

C-D. Designed primarily for those who have had two years of preparatory Latin. May be withdrawn if less than five apply for it. Given in 1928-29. *Three hours a week, two semesters.*

1. OVID AND PLINY'S LETTERS.—Selections. Readings and review of grammar. *Three hours a week, first semester.*

2. TERENCE AND PLAUTUS, THREE PLAYS.—*Three hours a week, second semester.*

3. COMPOSITION, ORAL AND WRITTEN.—*Two hours a week, first semester.*

4. LIVY AND TACITUS.—*Two hours a week, second semester.*

5.—HORACE.—Odes, and selections from Satires and Epistles. *Three hours a week, first semester.*

6. Continuation of 5, and selections from Catullus, Tibullus, and Propertius. *Three hours a week, second semester.*

GREEK AND ROMAN MYTHOLOGY.—See under Greek 8.

MATHEMATICS

HAROLD B. CURTIS, Professor

ROSCOE E. HARRIS, Professor

MARGARET F. CURTIS, Assistant Instructor

Courses A and 2 or 1 and 2 constitute the required work in Mathematics and must be taken by all students during their freshman year. They are prerequisite for more advanced work in the department.

All courses listed below count toward a major in Mathematics. Additional hours to make up a total of 36 may be procured by taking any courses in Astronomy, Chemistry, or Physics; Economics 9; and not more than six hours in Economics 3-4, and 17-18. Of the courses marked (*) not more than two will be offered during one semester.

A. ALGEBRA.—(Second course)—For students who offer only one year of High School Algebra for entrance. *Three sections. Three hours a week, first semester.* Professor Curtis, Mrs. Curtis.

1. COLLEGE ALGEBRA.—For students who offer one year and a half or more of High School Algebra for entrance. *Three hours a week, first semester.* Professor Curtis.

2. TRIGONOMETRY.—*Three sections. Three hours a week, second semester.* Professor Curtis.

3. THEORY OF EQUATIONS. — Prerequisite: Mathematics 1 and 2. *Three hours a week, first semester.*

5. ANALYTIC GEOMETRY.—Open to those who have had College Algebra and Trigonometry in high school or college. *Three hours a week, first semester.* Professor Curtis.

6. SOLID ANALYTIC GEOMETRY.—*Three hours a week, second semester.*

7, 8. DIFFERENTIAL AND INTEGRAL CALCULUS.—For Students who intend to specialize in mathematics or who desire calculus for its application to other subjects. Prerequisite: Mathematics 5. *Three hours a week, two semesters.* Professor Curtis.

*10. DIFFERENTIAL EQUATIONS.—A problem course with emphasis upon its applications. Open to those who have had calculus. *Three hours a week, second semester.*

*11, 12. PROJECTIVE GEOMETRY.—An introductory course covering the elements of synthetic projective geometry, including the treatment of harmonic and anharmonic ratios, involution, poles and polars, etc. *Two hours a week, two semesters.*

13, 14. ANALYTICAL MECHANICS.—Open to those who have had calculus. *Three hours a week, two semesters.* Professor Harris.

*15, 16. MODERN ANALYTIC GEOMETRY.—*Two hours a week, two semesters.*

*17, 18. THEORY OF ANALYTIC FUNCTIONS.—A treatment of

the theory of functions of a complex variable with applications. *Three hours a week, two semesters.*

*19. DIFFERENTIAL GEOMETRY.—A treatment of the geometry of curves and surfaces. *Three hours a week, first semester.*

*20. MATHEMATICS OF FINANCE.—A course in the application of the laws of interest to accumulation, discount, annuities, amortization, bond yield and valuation, sinking funds, depreciation, life insurance, and other related topics. *Three hours a week, second semester.*

*21. STATISTICS. — A course in interpretation of statistics, with reference to the theory of probability, expected deviations, measure of precision, probable error, and so forth. Open to students who have had a course in calculus. *Three hours a week, first semester.*

*22. ACTUARIAL SCIENCE. — Theory and practice of life insurance, various forms of policy, reserves, legal aspects, etc. *Three hours a week, second semester.*

*24. SURVEYING.—*Two hours a week, second semester.* Professor Harris.

LIBRARY.—A small, but well selected, departmental library is kept in the class-room, so as to be available for immediate use.

MODERN LANGUAGES

FREDERICK C. L. VAN STEENDEREN, Professor

RONALD B. WILLIAMS, Assistant Professor

The major is based on French 1-2 (six hours). Essential courses: French 5, 6 and 13, 14; 3, 4; 7, 8 or 9, 10; and French 11, 12, or four hours from either Spanish 3, 4 or Italian 1-2. Total required: 24 hours.

Complementary courses to make up a total of 36 hours required for a major: English 5-6, 21-22 (with French or Spanish 3, 4); 9-10, 15-16, 19-20 (with French 11, 12); 17-18, 31-32 (with French 7, 8, 9, 10). German: 3, 4. Greek: any hours above the first six. History: 1-2, 7-8 (with Spanish 3, 4). Italian, 1-2. Latin: any literature course above A-B. Philosophy: 3-4, 5 and 6 (with French 11, 12). Psychology 3, 4. Spanish: any hours above the first six.

Course (French) 7, 8 alternates with 9, 10; 11, 12 with 13,

14. In 1927-28 French 7, 8; 11, 12; and German 1-2; 3, 4 will be given.

FRENCH

1-2. FIRST YEAR COURSE.—This course consists of the study of grammar, composition, and the reading of modern French. Careful training in pronunciation is given. In this, as well as in the more advanced courses, the French language will be used as much as possible. *Two sections. Three hours a week, two semesters.* Assistant Professor Williams.

3, 4. INTERMEDIATE FRENCH, READING.—This course deals with short stories, poems, novels, and plays of the great poets and masters of fiction and drama in France during the more recent periods. *Two sections. Three hours a week, two semesters.* Professor van Steenderen.

5, 6. REVIEW GRAMMAR AND COMPOSITION.—This is a course in review grammar, prose composition, and oral expression. It may be taken alone, or, more profitably, with 3, 4. While 3, 4 admits to courses 7, 8 and 9, 10, no student will be recommended by this department for a position as teacher of French who has not satisfactorily completed Course 5, 6. *One hour a week, two semesters.* Assistant Professor Williams.

7, 8. DRAMA.—Special attention is given to Moliere and the development of comedy in connection with social characteristics. Class reading, reports, and lectures surveying French literature of the last three centuries. Prerequisite: courses 1-2 and 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

9, 10. THE NOVEL.—A study of the novel in France in its various transformations, and its relation to movements of thought and historical environment. Class readings, reports, and lectures as above. *Two hours a week, two semesters.* Professor van Steenderen.

11, 12. HISTORY OF FRENCH LITERATURE.—Teachers' Course. A general survey course, intended to impart familiarity with movements, schools of writing, biographic and bibliographic data. Prerequisite: French 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

13, 14. ADVANCED COMPOSITION.—Teachers' Course. French conversation and writing on assigned topics. Pronunciation scientifically studied. Prerequisite: Courses 3, 4 and 5, 6. *Two hours a week, two semesters.* Professor van Steenderen.

GERMAN

1-2. **FIRST YEAR COURSE.**—The aim of this course is to give the student a thorough training in the essentials of modern German. No class will be organized for less than ten students. *Three hours a week, two semesters.* Professor van Steenderen.

3, 4. **SECOND YEAR COURSE.**—Selections from the works of Sudermann, Keller, Scheffel, Freytag, and other modern authors. *Three hours a week, two semesters.* Professor van Steenderen.

ITALIAN

1-2. **FIRST YEAR COURSE.**—This course aims to cover the necessary grammatical ground rather quickly with a view to an early introduction in Italian literature. Not open to students who have no previous experience with foreign language, nor to freshmen. *Three hours a week, two semesters.* Professor van Steenderen.

SPANISH

1-2. **FIRST YEAR COURSE.**—This course gives a fairly good reading knowledge of Spanish. The student is expected to acquire a thorough knowledge of the main facts of Spanish grammar and some ability in writing Spanish. *One Section. Three hours a week, two semesters.* Assistant Professor Williams.

3, 4. **SECOND YEAR COURSE.**—Castilian authors will be read. Composition one day each week. *Three hours a week, two semesters.* Assistant Professor Williams.

5, 6. **HISTORY OF SPANISH LITERATURE.**—A survey of the outstanding authors and schools of Spanish literature from its beginnings to the present generation of writers. *Two hours a week, two semesters.* Assistant Professor Williams.

MUSIC

CARLTON CUMMINGS, Assistant Professor

The student of music regularly receives credit towards the B.A. degree for the courses in theory of music as outlined below, and for courses in practical music, and he may make music his college major. A major requires 24 hours in music of which six may be in practical music, with twelve additional hours in complementary subjects or in music. Not more than 36 hours in music may be counted towards the B.A.

degree, of which 27 must be in theoretical music. Whatever the number of hours in music counted towards a degree, three-fourths must be in theoretical music. Regular students in the college may receive academic credit, not to exceed four semester hours in all four years, for singing in the vested choir and college chorus.

1. **HARMONY.**—Major and minor scales, intervals, notation, the formation of triads, chord connections; simple part writing from given basses and sopranos; playing cadences in all keys with given examples of chord progressions at the key-board. The course includes sight-singing, as laboratory drill in ear-training. *Two hours a week, first semester.*

2. **HARMONY.**—The dominant seventh chord in all inversions; secondary sevenths in their inversions; dominant ninths and simple modulations; and ear-training as laboratory drill. *Two hours a week, second semester.*

3-4. **HARMONY.**—Altered chords, enharmonic changes; modulations to all keys with key-board drill; the study of non-harmonic material and development of motifs; the application of the acquired material to elementary composition and accompaniment figures. *Two hours a week; two semesters.*

5-6. **COUNTERPOINT.**—Simple counterpoint in the five species in two and three parts. Simple counterpoint in five species in four parts and combination of these species. Double and triple counterpoint, counterpoint in more than four parts. Canon and free imitation on choral themes. *Two hours a week, two semesters.*

7-8. **MUSICAL APPRECIATION.**—A course designed to interpret the master works in music to those who desire a fuller enjoyment of musical performance. While this course is open to the entire college, it is recommended to those who have had the history of music and at least one year of harmony. *One hour a week, two semesters.*

9-10. **HISTORY OF MUSIC.**—The development of music is traced from primitive forms to that of modern times. The development of the classic and romantic schools, and the growth of opera and oratorio are studied. The lives of great composers including those of the present day are emphasized. An additional hour each week is given to illustrations and listening. *Two hours a week, two semesters.*

11. **HARMONIC ANALYSIS.**—Principles of analysis and their

application to triads, seventh chords, broken chords, reduction, modulation, non-harmonic tones, altered chords, passing chords, and the reduction of florid passages. *Two hours a week, first semester.*

12. **MUSICAL FORM.**—Study of musical forms both by analysis and original exercises. Work extends from simple two and three part forms through sonata and rondo. *Two hours a week, second semester.*

13-14. **COMPOSITION.**—The art of composition in the free style, beginning with the simpler periodic forms, instrumental and vocal, followed by more complex forms from song to sonata; means of harmonization and modulation. *Three hours a week, two semesters.*

15. **INSTRUMENTATION.**—Sound vibration, acoustics, overtones, the tempered scale; all abbreviations and notations for score writing; instruments classified with reference to vibration and tone production, and each recognized in tone quality as well as individual characteristics. *Two hours a week, first semester.*

16. **ORCHESTRATION.**—Further study of the orchestra and the individual instruments with exercises for transposing instruments and arrangements; each choir is used in separate composition and finally the full symphonic score is employed. *Two hours a week, second semester.*

PHILOSOPHY AND PSYCHOLOGY

WESLEY R. WELLS, Professor

In satisfying the major requirement in this department, courses in the following departments will be accepted as complementary: Physics, Biology, Sociology, Economics, Education, if the major is in Psychology; also Biblical Literature and History if the major is in Philosophy.

PSYCHOLOGY.

1-2. **INTRODUCTION TO PSYCHOLOGY, GENERAL AND APPLIED.**—An introductory survey of the fundamental problems of mental life and of human behavior. During the second semester there will be a study of the applications of psychology in such fields as advertising, salesmanship, law, medicine, and religion. Not open to freshmen. *Three hours a week, two semesters.*

3. **SOCIAL PSYCHOLOGY.**—A study of human motives and of

human behavior as manifested in such group activities as those of the school, the church, political organizations, industrial organizations, and the crowd or mob. Special emphasis upon the role of instinct, imitation and suggestion, and intelligence. Prerequisite: Psychology 1-2. *Three hours a week, first semester.*

4. **ABNORMAL PSYCHOLOGY AND MENTAL HYGIENE.**—The course will consist of a study of the nature of subconscious processes, as they are revealed most clearly in cases of multiple personality, hysteria, and certain types of insanity. Psychoanalysis, hypnoanalysis, suggestion, and other forms of mental treatment will be reviewed, though the course will be conducted from the standpoint of pure science rather than from that of psychotherapy. Applications of principles derived from the study of the abnormal mind will be made in explanation of the normal personality and of the borderland states which occur in every mind. Prerequisite: Psychology 3. *Three hours a week, second semester.*

7. **GENETIC PSYCHOLOGY.**—A study of the behavior and the mental processes of animals and children, with special reference to the evolution of mind in the race and to mental development in the individual through infancy, childhood, and adolescence. Prerequisite: Psychology 1-2. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

8. **THE MEASUREMENT OF INTELLIGENCE.**—A survey of recent developments in the theory and practical uses of group and of individual mental tests. Special attention will be given to the psychology of subnormal and of superior children. Laboratory work in the giving of tests will be provided. Prerequisite: Psychology 1-2. Given in 1926-27 and alternate years. *Three hours a week, second semester.*

11, 12. **PSYCHOLOGICAL PROBLEMS.**—For properly qualified advanced students. The course will be conducted, so far as possible, by the seminar method. Problems to be studied, hours and credits, to be arranged with the class.

PHILOSOPHY.

1. **THE PROBLEMS OF PHILOSOPHY.**—An introductory study of some of the main problems of philosophy, such as the contrast between materialism and idealism, the existence of God, the relation between mind and body, immortality, and evolution, together with other problems having to do with the bearing of modern science and philosophy on religious belief. Open to juniors and seniors. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

application to triads, seventh chords, broken chords, reduction, modulation, non-harmonic tones, altered chords, passing chords, and the reduction of florid passages. *Two hours a week, first semester.*

12. **MUSICAL FORM.**—Study of musical forms both by analysis and original exercises. Work extends from simple two and three part forms through sonata and rondo. *Two hours a week, second semester.*

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16. **ORCHESTRATION.**—Further study of the orchestra and the individual instruments with exercises for transposing instruments and arrangements; each choir is used in separate composition and finally the full symphonic score is employed. *Two hours a week, second semester.*

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WESLEY R. WELLS, Professor

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3. **SOCIAL PSYCHOLOGY.**—A study of human motives and of

human behavior as manifested in such group activities as those of the school, the church, political organizations, industrial organizations, and the crowd or mob. Special emphasis upon the role of instinct, imitation and suggestion, and intelligence. Prerequisite: Psychology 1-2. *Three hours a week, first semester.*

4. **ABNORMAL PSYCHOLOGY AND MENTAL HYGIENE.**—The course will consist of a study of the nature of subconscious processes, as they are revealed most clearly in cases of multiple personality, hysteria, and certain types of insanity. Psychoanalysis, hypnoanalysis, suggestion, and other forms of mental treatment will be reviewed, though the course will be conducted from the standpoint of pure science rather than from that of psychotherapy. Applications of principles derived from the study of the abnormal mind will be made in explanation of the normal personality and of the borderland states which occur in every mind. Prerequisite: Psychology 3. *Three hours a week, second semester.*

7. **GENETIC PSYCHOLOGY.**—A study of the behavior and the mental processes of animals and children, with special reference to the evolution of mind in the race and to mental development in the individual through infancy, childhood, and adolescence. Prerequisite: Psychology 1-2. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

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PHILOSOPHY.

1. **THE PROBLEMS OF PHILOSOPHY.**—An introductory study of some of the main problems of philosophy, such as the contrast between materialism and idealism, the existence of God, the relation between mind and body, immortality, and evolution, together with other problems having to do with the bearing of modern science and philosophy on religious belief. Open to juniors and seniors. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

Athletic Association, including a Field Day, swimming meet, indoor gymnastic meet, and interclass basketball tournament. The letters L. F. may be given any individual earning a prescribed number of points in athletics and W. A. A. activities. An outdoor dance drama or pageant may be presented in the spring. An individual cup or other award may be given to the winner of the tennis tournament. The following personal equipment is needed: black gymnasium bloomers, Style O. B., as made by E. R. Moore Co., Chicago. (may be ordered after arrival), long sleeved all-white middy, black tie, tennis shoes, heavy sweater and tennis racket.

PHYSICS

ROSCOE E. HARRIS, Professor

Students desiring to satisfy the science requirement in this subject should take Physics 1-2. This course is also prerequisite for all other courses in the Department except Physics 12. The major requirements include Physics 1-2 and Physics 3, and 13 hours elected from the other courses. Physics 1-2 and Physics 3 meet the requirements in this science in professional schools. Courses in the departments of Mathematics, Biology, Chemistry, Psychology and Economics will be accepted as complementary to the major requirements in this department.

1-2. GENERAL PHYSICS.—The fundamental physical laws and their applications in mechanics, molecular physics, heat, light, sound, electricity and electronic physics are taught by lecture demonstration and individual work in the laboratory. Special stress is placed on the laboratory work. Three lectures and two laboratory periods a week. *Five hours a week, two semesters.*

3. MATHEMATICAL PHYSICS.—This course consists in the solution of concrete, practical problems illustrating the fundamental laws studied in Physics 1-2. The problems have been selected with reference to the needs of students who are expecting to use Physics for scientific purposes, for teaching, or as a basis for engineering or medical work. *Three hours a week, first semester.*

4. KINETIC THEORY AND HEAT.—The principles of mechanics are applied to the molecular phenomena exhibited in solids, liquids, and gases. Latent and specific heats, conductivity, ex-

pansion, viscosity, etc., are taught by lecture demonstration and recitation. *Three hours a week, second semester.*

5. RADIO INSTRUMENTS AND MEASUREMENTS.—Measurements of resistance, inductance, and capacity of radio instruments are made, and the production of oscillating circuits by arc, spark, and thermionic vacuum tubes studied. Different types of receivers illustrating fundamental steps in development of modern radio reception are examined. A two hundred watt broadcasting unit is available for inspection and study. Demonstrations and recitations are occasionally substituted for individual laboratory work. Physics 1-2 is required as a prerequisite; Physics 3 should also accompany this course. *Two hours credit. Two laboratory periods a week, first semester.*

6. OPTICAL MEASUREMENTS.—A laboratory course in measurements of wave-length, interference, polarization, and spectroscopy. Optical instruments—including the eye—their structure, errors and correction of errors are briefly studied. *Two hours credit. Two laboratory periods a week, second semester.*

7-8. RECENT ADVANCEMENTS IN PHYSICS.—A course of lectures dealing with the electrical properties of gases, the electron theory, X-ray, radio-activity, the quantum theory and its application to atomic structure, spectroscopy, and photo-electricity. Given in 1927-28. *Three hours a week, two semesters.*

9-10. ELECTRICAL MEASUREMENTS.—Use of accurate electrical measuring instruments in modern methods of measuring current strength, electromotive force, electrical power, inductance, impedance, and magnetization. Efficiency tests and characteristics of dynamos and transformers are made. Thermoelectricity, photo-electricity and high frequency phenomena are studied. Demonstration lectures and recitations are occasionally substituted for laboratory work. Given in 1927-28. *Two hours credit. Two laboratory periods a week, two semesters.*

11. HEAT.—A laboratory course in measurements of heat, in molecular physics, and in radiation. *Two hours credit. Two laboratory periods a week, first semester.*

12. SOUND.—This course consists of lecture demonstrations and laboratory experiments in the study of wave motion and simple harmonic motion, resonance, interference, reflection and refraction of waves with special reference to sound. Basic principles of musical instruments. The physical basis of harmony. Studies of the ear and voice. Auditorium acoustics and photography of sound waves. Analysis of students' voices, voices of radio artists, and of musical instruments by projection upon the screen are made. Specially designed for students of the Department of Music. *Three hours a week, second semester.*

13-14. PROBLEMS IN PHYSICS.—Special laboratory problems may be assigned to a few advanced students. *Credit hours to be arranged.*

POLITICAL SCIENCE

ALBERT R. ELLINGWOOD, Professor*

OLIVER S. HECKMAN, Acting Assistant Professor

The following courses count toward a major in Political Science: all courses listed in this department, and Economics 5-6 and 19-20. Additional hours to meet the major requirement may be taken in Economics 1-2, 8, 22, and 24, and in any courses in History.

1-2. AMERICAN GOVERNMENT.—The purpose of this course is two-fold; first to give the student a general knowledge of the origin, structure, development and functioning of our national and state governments; secondly, using the facts of our own political organization as a starting point, to develop the basic principles of political science. The student is taught to view politics as a living process, intimately related to our daily lives, and close contact with current events is constantly maintained. Not open to freshmen. *Three hours a week, two semesters.*

3-4. INTERNATIONAL LAW.—The general principles governing the intercourse of nations in time of peace, and the rules applicable to belligerents and neutrals in time of war. The development of the idea of a *jus gentium*, nationalism and internationalism. The contribution of the United States to international law. Particular attention will be given to the Paris Conference of 1919 and the consequent changes in international practice. A special study of the origin, development and practice of the League of Nations and the Permanent Court of International Justice. Prerequisite: Political Science 1-2. Given in 1927-28 and alternate years. *Three hours a week, two semesters.*

5. ENGLISH GOVERNMENT.—The nature, structure and operation of English government as it is today. A careful comparison is made of the parliamentary and non-parliamentary forms of government. Prerequisite: Political Science 1-2. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

6. HISTORY OF POLITICAL THEORIES.—The development of political thought from earliest times. Lectures, and readings in

*Absent on leave, 1926-27. Acting Professor of Political Science, Northwestern University.

Plato, Aristotle, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Bentham, Austin and contemporary writers. The interdependence between political theory and political practice at different periods of the world's history is constantly emphasized, and wherever possible the applicability of the classical theories to modern problems is tested. Prerequisite: Political Science 1-2. Given in 1926-27 and alternate years. *Three hours a week, second semester.*

8. CURRENT PROBLEMS.—A course in applied politics and economics, the purpose of which is to afford to the advanced college student an opportunity to examine critically the more important problems of contemporary political and economic events in the light of his accumulated college training, with a view to linking up the contents and methods of the college curriculum with the realities of the world of affairs. Open to juniors and seniors. *Three hours a week, second semester.* Professor Ellingwood and Assistant Professor Johnson.

SOCIOLOGY

1. PRINCIPLES OF SOCIOLOGY.—A study of the make-up of the population, social forces, social processes, and social products. An attempt is made to analyze the mechanics of group life and social control, and to trace the development of the chief social institutions. Critical studies of existing social forms are conducted with a view to locating hopeful channels of progress. Especial attention is given to theories of social progress. Prerequisite: Economics A, B, or Economics 1-2, or Psychology 1-2. Juniors and seniors. Sophomores by permission. *Three hours a week, first semester.* Professor Sherman.

4. CHARITIES AND CORRECTIONS.—A consideration of the salient facts bearing upon the problems of dependency and delinquency, and subjects related thereto. Among the subjects discussed are poverty, unemployment, disease, crime, public and private relief, pensions and insurance. Prerequisite: Sociology 1. Given in 1927-28, and alternate years. *Three hours a week, second semester.* (To be appointed).

5. MOVEMENTS IN SOCIAL RECONSTRUCTION.—The great historic theories of, and experiments in, social reconstruction will be analyzed to discover the causes of restlessness and discontent, and to determine ways of correcting social injustice. Free discussion of existing social conditions will be encouraged. Prerequisite: Economics 1-2 and Political Science 1-2, or consent of the instructor. Given in 1928-29, and alternate years. *Two hours a week, first semester.* (To be appointed).

6. SOCIAL PROBLEMS.—An advanced seminary course dealing with selected problems in the sociological field, a detailed

and practical consideration of such topics as urban congestion, assimilation of immigrants, racial intermarriage, population, problems, alcoholism, prostitution, the socialization of churches and colleges, etc. The student may be required to do field work in Chicago and the neighboring territory. Prerequisite: Sociology 1. Given in 1928-29, and alternate years. *Two hours a week, second semester. (To be appointed).*

8. SOCIAL ETHICS.—A study of the ethical relationships within the organized group, and between groups, preceded by a study of the relation of personal conduct to social life, and involving a survey of the more important problems of moral theory and practice. Theories of the origin and nature of moral responsibility and standards of right and wrong, good and bad; rules and principles of the moral life. Application of these principles to important social problems of the present generation such as relations of capital and labor; capitalization of corporations; the problem of interest; rewards of services. Prerequisite: Economics 1-2, or Sociology 1. Given in 1927-28, and alternate years. *Three hours a week, second semester. Professor Sherman.*

SPEECH

GARRETT H. LEVERTON, Assistant Professor

The major requirement in the Department of Speech may be fulfilled by twenty-four hours selected to include the following courses: 1-2; 3-4; 7-8; and 9-10. The twelve complementary hours must include English 23-24 and Psychology 1-2. Remaining complementary hours may be selected from the departments of History, Economics and Political Science. Course 13-14 will be required of all major students who expect a recommendation to teach speech.

An additional statement of the work in Dramatics and Play Production will be found under "Student Organizations" on page 26.

1-2. FUNDAMENTALS OF SPEECH.—An introductory study of the fundamentals of Public Speaking. The course aims to develop poise and ability to think on the platform. It studies methods of effectively projecting ideas to an audience through directness and proper control of the body. There is extensive drill in making outlines and developing skill in organizing ideas. Many short speeches required in class work. *Three hours a week, two semesters.*

3-4. PUBLIC ADDRESS.—A course in advanced extempore speaking dealing with the following specific types of public address: the eulogy, the commemoration and dedication speech, the speech of introduction, welcome, acceptance, the after-dinner speech, the political speech, and the college oration. Collateral reading of models. The student will prepare and deliver each type of address. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

5-6. INTERPRETATIVE READING.—A study of the fundamentals of interpretation—tone production, breath control, and correct enunciation and articulation. Aims to give the student the mental and vocal technique required to interpret different literary forms. *Two hours a week, two semesters.*

7-8. ARGUMENTATION AND DEBATE.—A study of the principles governing formal and informal argument. Training in analysis of public questions, in brief-making, in strategic organization of arguments, and in effective rebuttal. A study of the forms of reasoning. Much training in detecting and classifying fallacies. This course prepares students to participate in intercollegiate debating. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

9-10. STAGECRAFT.—A laboratory course in the fundamentals of play production. Includes a study of characteristics of a good play; a short history of the evolution of the theatre; and a survey of the plays and personnel of the present day theatre. Laboratory work in make-up, scene construction, and experimental stage lighting. Lectures and readings on scene design and costuming. Assigned readings on the theory and technique of stagecraft. Collateral reading of many plays suitable for amateur production. *Two hours a week, two semesters.*

11-12. PLAY DIRECTING.—An advanced course for students interested in the theatre, or for those interested in preparing themselves to do some sort of dramatic work in high schools, colleges, or little theatres. A study of the various types of plays; methods of casting; types of rehearsals; an examination of the various methods of directing plays; a study of atmosphere, acting technique, grouping, tempo, and climax. A thorough study of present day tendencies in the drama. Much collateral reading in all branches of dramatic production. Each student required to direct and produce a full length play. *Two hours a week, two semesters.*

13-14. THE TEACHING OF SPEECH.—Lectures, reports, and much collateral reading on the various systems of Speech Training. A study of the advantages and disadvantages of each system together with methods of applying the principles

of the various systems to the particular needs of individual students. A study of the method of conducting extempore speaking contests, of coaching debates, and of presenting plays. A study of the building of the speech curriculum in high schools and grade schools together with the content of the various courses included in such curriculums. *Two hours a week, two semesters.*

DEGREES CONFERRED

AT THE ANNUAL COMMENCEMENT, JUNE, 1926

BACHELOR OF ARTS

Anderson, James III.	Lake Forest
Mathematics	
Butterfield, Carolyn Ruth	Libertyville
English	
Folgate, Roger Jacob	Freeport
Economics	
Geer, Gene	Browning
English	
Hart, Anita	Waukegan
Romance Languages	
Heuver, Austin	Rockford
English	
Jellison, Pauline	South Bend, Ind.
Psychology and Romance Languages	
Jenkins, Miriam Kathryn	Chicago
History	
MacIntosh, Ruth	Chicago
Psychology	
Mathias, Mary Catherine	Elkhart, Ind.
Home Economics	
Orton, Esther Hundstad	Aberdeen, S. Dakota
English	
Pietrangeli, Angelina Rosalia	Kenosha, Wis.
English and Romance Languages	
Priestman, Frederick William	Kewanee
Mathematics	
Searing, Stanley Bigham	Mankato, Minn.
Chemistry	
Stevenson, Marian Emma	Milwaukee, Wis.
Mathematics	
Teller, James Curry	Riverside
Economics	
Wilson, Harriet Mary Mornington	Chicago
Latin and Greek	
Wood, Robert William	Lake Forest
English	

Woodman, James Monroe, Jr. Waukegan
Psychology

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Hale, Nathan James Canton
 Hart, Norman Quincy Waukegan
 LeRoi, William Paul Zion City

HONORS FOR 1926

SHIELD HONORS

Anita Hart
 Austin Heuver
 Angelina Rosalia Pietrangeli
 Harriet Mary Mornington Wilson

DEPARTMENTAL HONORS

Stanley Bigham Searing Chemistry
 Angelina Rosalia Pietrangeli English
 Austin Heuver English
 Miriam Kathryn Jenkins History
 Angelina Rosalia Pietrangeli Romance Languages
 Ruth MacIntosh Psychology
 Pauline Jellison Psychology

CLASS HONORS

CLASS OF 1926

Carolyn Ruth Butterfield
 Anita Hart
 Gerald Austin Heuver
 Pauline Jellison
 Miriam Kathryn Jenkins
 Ruth MacIntosh
 Angelina Rosalia Pietrangeli
 Stanley Bigham Searing
 Harriet Mary Mornington Wilson

CLASS OF 1927

Hugh William Blair
 Leona Lucile Calvert
 Helen Laura Darrow
 Muriel Jean Harris
 Earl Joseph LeRoi
 Katherine Marie Morse
 Alice Elizabeth Nissen
 Jean Elizabeth Smock

CLASS OF 1928

Arnold William Carlson
 Donald Leroy Fulton
 Fred Genschmer
 Myrtle Hubbard
 Gilbert Kirby
 Eleanor Louise Linnell
 Lillian Madeline Schroder
 Marie Louise Woelfel
 Mildred Margaret Wood

CLASS OF 1929

Henry Claire Andrews	Beatrice Krantz
James Harry Beaman	Curt Wallace Lundquist
John Rice Beebe	Eino Jacob Macklin
Harold Nicholas Berry	Gladys Gertrude McDowell
Willard Smith Crandall	Tsuneko Omata
Mahala Duke	Oliver Lloyd Onion
Reuben G. Englund	Harold Lewis Pierson
Harriet Estell Hodge	Peter Presta
Mary Theodora Holty	Frieda Henrietta Sanders
Esther May Jewell	Orvis Brayton Smith
Herbert Mark Johnson	Lester Rollo Stang
	Lauretta Eldon Webb

STUDENTS

GRADUATE STUDENT

Orton, Esther Hundsted Ortley, S.D.
Romance Languages

SENIORS

Eighty-nine semester hours or more

Bachman, Nettie Victoria Paullina, Iowa
English
 Barlow, Esther Aletta Chicago
English
 Blair, Hugh William Elgin
Business Administration
 Britton, Kenneth Moral River Forest
Business Administration
 Calvert, Leona Lucile Muncie, Ind.
Speech
 Collins, Ervin Abbott Fort Sheridan
History
 Darrow, Helen Laura Waukegan
Mathematics
 Gekas, Alexander Constantine Chicago
History
 Harris, Muriel Jean Oak Park
English and Psychology
 Held, Catherine Marjorie Lake Forest
English
 Herron, Arthur James Du Bois, Penn.
Economics
 Holmgren, Ephraim Theodore St. Paul, Minn.
Economics
 Johnson, John Alfred Batavia
Chemistry
 Kelly, Anthony, Jr. Noblesville, Ind.
Business Administration
 Klein, Virginia Carleton Winnetka
Biology
 Koster, John Edward Little Rock, Iowa
Business Administration

Landphere, Marjorie Randall Oak Park
Speech
 LeRoi, Earl Joseph Zion City
Chemistry
 Morse, Katherine Marie Libertyville
English
 Nissen, Alice Elizabeth Chicago
English and Psychology
 Olson, Paul Clifford Highland Park
Business Administration
 Parcells, Frank Ellis, Jr. Lake Forest
English
 Reinier, Glenn H. Ottumwa, Iowa
Chemistry
 Roberts, Virginia Chicago
English
 Robinson, Elizabeth Adams Oregon
English
 Shipp, Harold Hayne Pittsburgh, Penn.
Speech
 Smith, Mary Alice Aurora
Psychology
 Smith, Spencer Delavan Stillwater, Minn.
Business Administration
 Smock, Elizabeth Jean Libertyville
English
 Timmons, Margaret Dick Valparaiso, Ind.
English
 Wallenborn, Robert Erwin Chicago
Greek and Latin
 Welge, Walter Ernest Evanston
Economics
 Seniors, 32

JUNIORS

Asmann, Edwin Neltner West Chicago
Physics and History
 Bjorklund, Carl Raymond St. Paul, Minn.
Economics and English
 Carlson, Arnold William Lake Forest
Business Administration

Carswell, Alexandra	English	Evanston
Dickinson, Stephen Nichols	English	Alton
Dickson, Neal Douglass	Psychology	Waukegan
Easton, Donald Parsons	Business Administration	Deerfield
Elmore, Marjorie	English	Delavan
Esser, Lois Bernice	Romance Languages	Aurora
Fincutter, Marie Gertrude	Biology	Libertyville
Flancher, Howard	Economics	Iron River, Mich.
Fulton, Donald Leroy	Business Administration	Waukegan
Genschmer, Fred	Romance Languages	Kenosha, Wis.
Hubbard, Myrtle	English	Libertyville
Jennings, Winifred Marie	Chemistry	Chicago
Kelly, Robert Morrison	English	Wuhu, China
Kirby, Abel Gilbert	History	Marysville, Ohio
Kyalla, Phineas	Mathematics and Chemistry	Lake Bluff
Langdon, Veneta Ada	English	Wilmette
Lathrop, Donald Charles	Economics	Chicago
Lawrence, Grace	Chemistry	Chicago
Lee, Chun Y.	Business Administration	Innai, Korea
Linnell, Eleanor Louise	Romance Languages	Oak Park
Lloyd, Lewis Burson	English	Canton

Losey, Hadley Vincent	Romance Languages	Savanna
Martin, Ruth	English	Chicago Heights
Massey, Rjae Janice	Romance Languages and English	Chicago
Molengraft, Cornelius J.	Chemistry	Chicago
Orton, Lambert	Romance Languages	Ortley, S.D.
Palmer, Laurence Malmgren	Speech	Canton
Porett, Harry	Speech	Waukegan
Powers, William Furnas	Economics	Oak Park
Putnam, Russell Eugene	English	Harvard
Reuse, Mary Eileen	English	Libertyville
Roe, John Benjamin	Biology	Oregon
Schroder, Lillian Madeline	Mathematics	Lake Forest
Sherwood, Elizabeth Ellen	English	Chicago
Sievers, Emery Henry	Physics	Carroll, Iowa
Snook, Harvey Milton	Political Science	Santa Barbara, Calif.
Stuessy, Haydn	History	Chicago
Van Page, Margaret	Romance Languages	La Grange
van Steenderen, Dorothy Evelyn	Romance Languages	Lake Forest
Swanton, Milton Wesley	English	Lake Forest
Thomas, Robert Walsh	Political Science	Joliet
Washburn, Marjorie	Business Administration	Grays Lake

Woelfel, Marie Louise Morris
Romance Languages
 Wood, Mildred Margaret Lake Forest

English
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SOPHOMORES

Allen, Philip Clayton Canton
 Andrews, Henry Claire Rockford
 Atterbury, Crellis Waukegan
 Baird, John Foster Pittsburgh, Pa.
 Beaman, James Harry Great Lakes
 Beebe, John Rice Woodstock
 Bell, Helen Travis Highland Park
 Bensinger, Norman Richard Waukegan
 Bergen, Grace Updegraf Minneapolis, Minn.
 Besser, Wallace Merrick Mankato, Minn.
 Biggs, Martha Lydia Mandan, N.D.
 Chunn, Frederick Colton Chicago
 Clifton, Harold Sayre Chicago
 Coble, Albert Clarence Newton, Kansas
 Crandall, Willard Smith Kenilworth
 DeHerder, William Elmer Oak Park
 Dolton, Frances Smith Mundelein
 Duke, Mahala Dalhart, Texas
 Ek, Carl East Rutherford, N.J.
 Ekstrand, Dorothy Waukegan
 Englund, Reuben G. St. Paul, Minn.
 Enos, Robert Davis Chicago
 Fales, Eugene John St. Paul, Minn.
 Farnum, Willard Mankato, Minn.
 Faull, Lois Harriet Bessemer, Ala.
 Fawcett, Harry Ross Kokomo, Ind.
 Fletcher, Margaret Prelina Fort Wayne, Ind.
 Foerster, Joseph Wilmette
 Foster, Hunter Lake Bluff
 Frost, Lyle Pierault Morrison
 Gillen, Gladys Eltha Ravinia
 Greene, Harold Hayward Evansville, Wis.
 Hadley, James McCarthy Chicago
 Hampton, Wade Rhinelander, Wis.
 Hanna, Anna Rhinelander, Wis.
 Hautau, Gwendolyn La Grange
 Hodge, Harriet Estelle Mundelein
 Holway, Chester Perry, Jr. Hammond, Ind.
 Huston, George William Evanston
 Jackson, Richard Anderson Chicago

Jewel, Esther May Chicago
 Johnson, Herbert Mark Chicago
 Kepler, Kenneth Kline Evanston
 King, Thomas Caldicott, Jr. Glencoe
 Krantz, Beatrice Oak Park
 Langdon, Donald Amos Morrison
 Lindhout, Marguerite Joy Chicago Heights
 Lombard, Eleanor Harriet Chicago
 Loomis, Eleanor Mary Lake Forest
 Lundquist, Curt Wallace Mankato, Minn.
 Macklin, Eino Jacob Waukegan
 Mayer, Harold Lee Indianapolis, Ind.
 McDowell, Gladys Gertrude Logansport, Ind.
 McWethy, Doris Deane Aurora
 Mitchell, William Russell Waukegan
 Negley, Lowell Maynard Canton
 O'Leary, Lester Francis Harvard
 Olson, Glenn Kenneth Morrison
 Olson, Herman Orlon Wausau, Wis.
 Omata, Tsuneko Hanford, Calif.
 Onion, Oliver Lloyd Lewistown
 Pierson, Harold Lewis Erie
 Pratt, Chester A. Rockford
 Rastetter, Helen Elizabeth Fort Wayne, Ind.
 Roche, Mildred Drusilla Evanston
 Roskie, Anthony Rockford
 ✓ Sawyer, Lloyd Glen Fisher
 Skean, Orrin Wagner Avon
 Smith, Orvis Brayton Wausau, Wis.
 Spellman, Robert William Lake Forest
 Stang, Lester Rollo Waukegan
 ✓ Swanson, Raymond Arthur Blue Island
 Trowsell, Harold Clarence Iron Mountain, Mich.
 Voelker, Gilbert Mundelein
 Webb, Lauretta Eldon Chicago
 Willett, Eleanor Mary Great Lakes
 Wilson, Gilbert Archibald James Chicago

Sophomores, 77

FRESHMEN

Anglese, Clarence Francis Morrison
 Ashton, Dale Rhinelander, Wis.
 Atteridge, Thomas Melville Lake Forest
 Ayers, Elmer Ellwood Ottawa
 Barlow, Palma Louella Margaret St. Paul, Minn.
 Bashaw, Harry Wallace Delavan, Wis.

Bealer, William Francis	Fenton
Beck, Phyllis Hartfield	Milwaukee, Wis.
Bedrosian, John Der	Waukegan
Bennewitz, Hedwig Wilhelmina	Milwaukee, Wis.
Borchert, Florence Mila	Milwaukee, Wis.
Bradfield, Franklin Seward	Detroit, Mich.
Bramon, Eleanor May	St. Louis, Mo.
Brennan, Gertrude Helen	Chicago
Brush, John Sivey	Slatington, Penn.
Bulow, Edwin Lawrence	Clinton, Iowa
Bund, Margaret Mary	Evanston
Burk, John	Chicago
Burk, Martin	Chicago
Burr, Minola Mae	Eau Claire, Mich.
Cain, Harvey Swennes	Lake Forest
Carmichael, John Clark	Ottawa
Carroll, Melvin Francis	Savanna
Cliffe, Thomas S.	Sycamore
Cole, Grayce Claire	Chicago
Connor, Florence Marie	Chicago
Conry, Gladys Marion	Evanston
Cook, Lawrence Miller	Bellefontaine, O.
Corcoran, Eleanor Elizabeth	Libertyville
Corrin, Oliver	Lake Forest
Davies, Catherine Virginia	Maywood
Davis, Helen L.	Waukegan
DeLay, Harold Gordon	Winnetka
Dickinson, James Leonard	Lake Forest
Ditto, Samuel James	Rockford
Drury, Stephen Jay	Zion City
Dvorak, Lloyd Andrew	Vail, Iowa
Earling, Russell	Oconto, Wis.
Edlund, Fay Nelson	Morrison
Engelbrecht, Walter Joseph	Libertyville
Feldman, Charlotte Alice	Chicago
Ferner, Herbert Lincoln	Chicago
Ferzacca, Faust Louis	Iron Mountain, Mich.
Fisher, Edson Bartlette	Evanston
Forsyth, William Thompson	Milwaukee, Wis.
Genschmer, William	Kenosha, Wis.
Gibbons, Alice Catherine	Highland Park
Goglin, Ralph Irving	Chicago
Hagerman, George Washington	Rockford
Hall, Grace Darling	Chicago
Hall, Vern Stanley	Libertyville
Haller, Maude Marion	Downers Grove
Haltenhoff, Elizabeth Christine	Lake Forest

Hanna, Nanelie Mae	Evanston
Haye, Frederick Homer, Jr.	Rockford
Hernly, Harold Granville	Chicago
Hill, Grace Bernadine	Aurora
Hoelzel, Herman Harrison	Evanston
Hoffman, Lourie Eulalia	Chicago
Hohmann, George Ralph	Dubuque, Iowa
Ipsen, Julia Katherine	La Grange
Jelinek, Muriel Grace	Wilmette
Johannes, Kenneth Philip	Lugerville, Wis.
Johnson, Anna Elizabeth	Deerfield
Johnson, Arthur	Lake Forest
Johnston, Louise	Sioux City, Iowa
Jones, Eugenia	Wilmette
Jones, Warren Allman	Bay City, Mich.
Joor, William Groendyke	Villa Park
Kaufer, Joseph	Waukegan
Kessler, Adolph Richard	River Forest
Kirby, James Galloway	Marysville, Ohio
Kirby, John Byron	Marysville, Ohio
Klepper, Florence Carolyn	Libertyville
Knox, Ruth Grace	Libertyville
Krinkie, Frederic	Mankato, Minn.
Kroll, Lillian Ella	Wilmette
Kuhn, Kathryn Margaret	Evanston
Laehr, Arthur	Watertown, Wis.
Lane, Virginia Azalea	Gibson City
Lawrence, Thomas Barnett	Chicago
Leadbetter, Merton King	Rhineland, Wis.
Lyddon, Harry Malcolm	Brainerd, Minn.
McCall, Kenneth James	Savanna
McCreary, Wilbur R.	Evanston
McCullough, Dorothy Avis	Gurnee
Mansfield, Leslie Dolores	Indiana Harbor, Ind.
Manwarren, Orlo William	Canton
Martin, Thomas Nathan Hillis	Highland Park
Mayer, Peter	Forest Park
Mitchell, James Marion	Chicago
Moore, Harold	Ashton
Morrow, Charles Harcourt	Muncie, Ind.
Morse, Vera L.	Libertyville
Nelson, Clifford Joseph	Rockford
Neudecker, Florence	Chicago
Olsen, Evelyn Eleanor	Milwaukee, Wis.
Olson, Andrew Bernard	Wausau, Wis.
Olson, Helen Marie	Wilmette
Orton, Odeen Milton	Ortley, S. Dak.

Panushka, John Barker	Wilmette
Paris, Maurice	Chicago
Parsons, Helen Elizabeth	Richmond
Pearce, Stewart Albert	Carmi
Peter, Arline Dell	Algonquin
Peters, Ellsworth	Waukegan
Petersen, Edward Albert	Lake Forest
Pietrangeli, Giggina Mary	Kenosha, Wis.
Pingrey, Harlan George	Highland Park
Presta, Peter	Kenosha, Wis.
Priest, John Sylvester	New Hartford, Conn.
Propper, Mabel Eva	Dolton
Pugh, Robert Eugene	Lake Forest
Quayle, Frederick Richard, Jr.	Wilmette
Rasmussen, Robert Vernon	Chicago
Reckzeh, Elsa Louise	Chicago
Ridgway, Helen Hoge	Freeport
Roberts, Georgia Edwina	Highland Park
Roberts, Frederick George, Jr.	Chicago
Rogers, George Bartlett	Lake Forest
Rosenzweig, Donald	Mellen, Wis.
Rostkowski, Chester Bernard	Maywood
Rowe, Ray	Newton, Kansas
Rubens, Katherine Caroline	Highland Park
Rubin, Max	Rockford
Rumsey, David Lake	Winnetka
Russell, Helen Smith	Mundelein
Schneider, Oscar Daniel	Milwaukee, Wis.
Seeger, Deane Martius	Brainerd, Minn.
Shedd, Edith Theresa	Chicago
Singer, Isidore Theodore	Waukegan
Smith, John Carey	Mankato, Minn.
Smith, Julia Louise	New York, N.Y.
Smith, Susie May	Lake Forest
Snively, Ethan Allen	Canton
Spencer, Catherine Ann	Tulsa, Okla.
Spencer, Richard Marshall	Glencoe
Squires, Roy Victor	Chicago
Stedman, Homer Asa	Chicago
Stendahl, Esther Christine	Chicago
Straubel, Clifford Roland	Green Bay, Wis.
Straubel, James Westley	Green Bay, Wis.
Strauch, Ernest Carl	Cicero
Strong, Mirjane	Waukegan
Swan, Hobart Wright	Libertyville
Swenkerud, Elizabeth Olga	Chicago
Szamet, Herbert Alwyn	Mankato, Minn.

Taylor, Harlan Benjamin	Mankato, Minn.
Thomas, Scott Adelbert	Springfield
Thorpe, Charles Converse	Eagle River, Wis.
Waggoner, Margaret Pearl	Chicago
Wagner, Carl Edward	Prairie City
Wallendorf, Paul E.	Waukegan
Warren, John Calvin, Jr.	Chicago
Warren, Paul Hamilton	Zion City
Weber, George Dexter	Chicago
Weeden, Harriet Ardelle	Sheboygan, Wis.
Westover, Margaret Katherine	Oconomowoc, Wis.
Whyte, Ellen Mae	Milwaukee, Wis.
Wilkins, Lyle Allan	St. Anne
Williams, Guy Franklin	Newton, Kansas
Williams, Stephen A., Jr.	Evanston
Wolcott, Leslie Irvn	Des Moines, Iowa
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Fuessley, Elizabeth	Lake Bluff
Pfanstiehl, Caryl Cody	Highland Park

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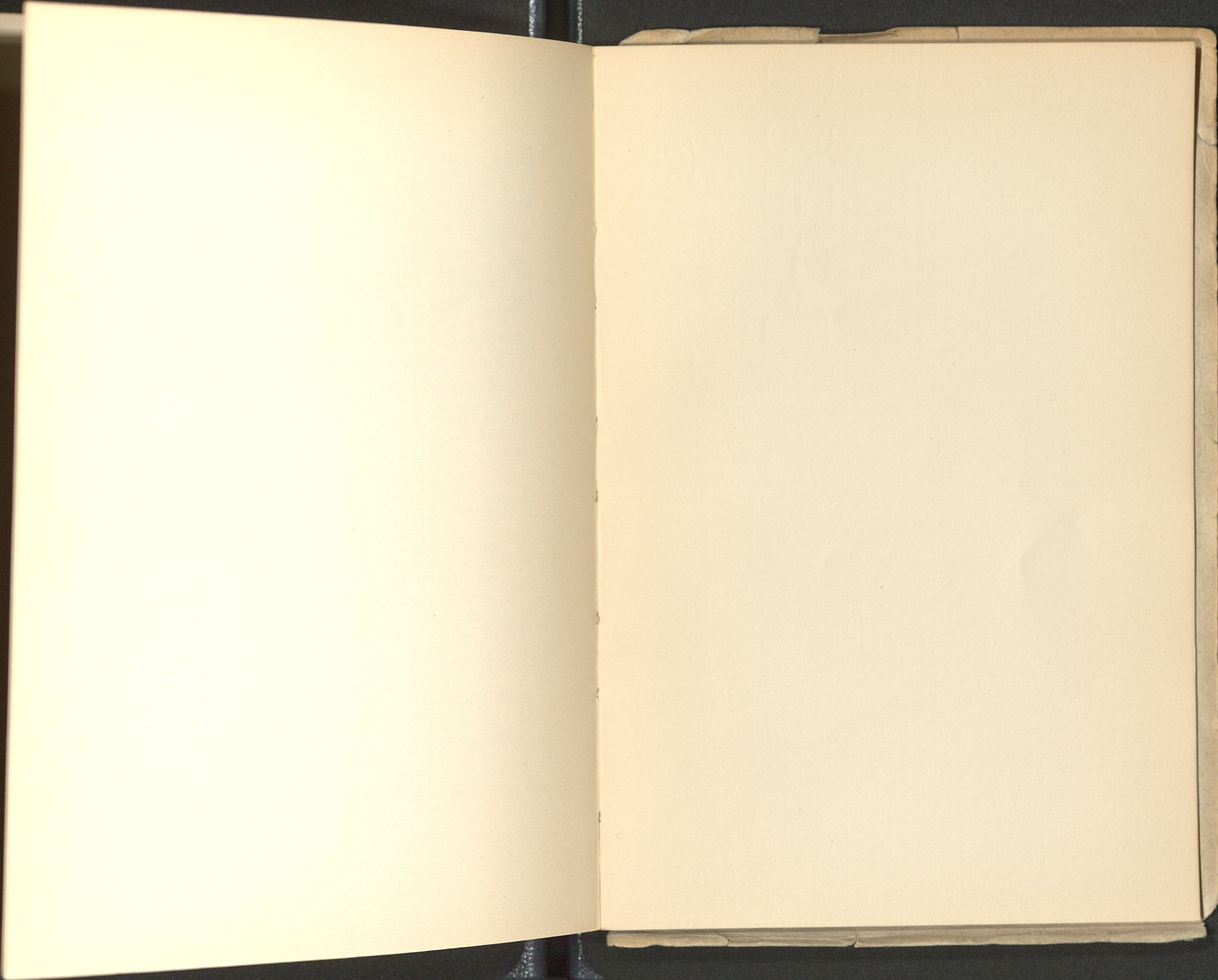
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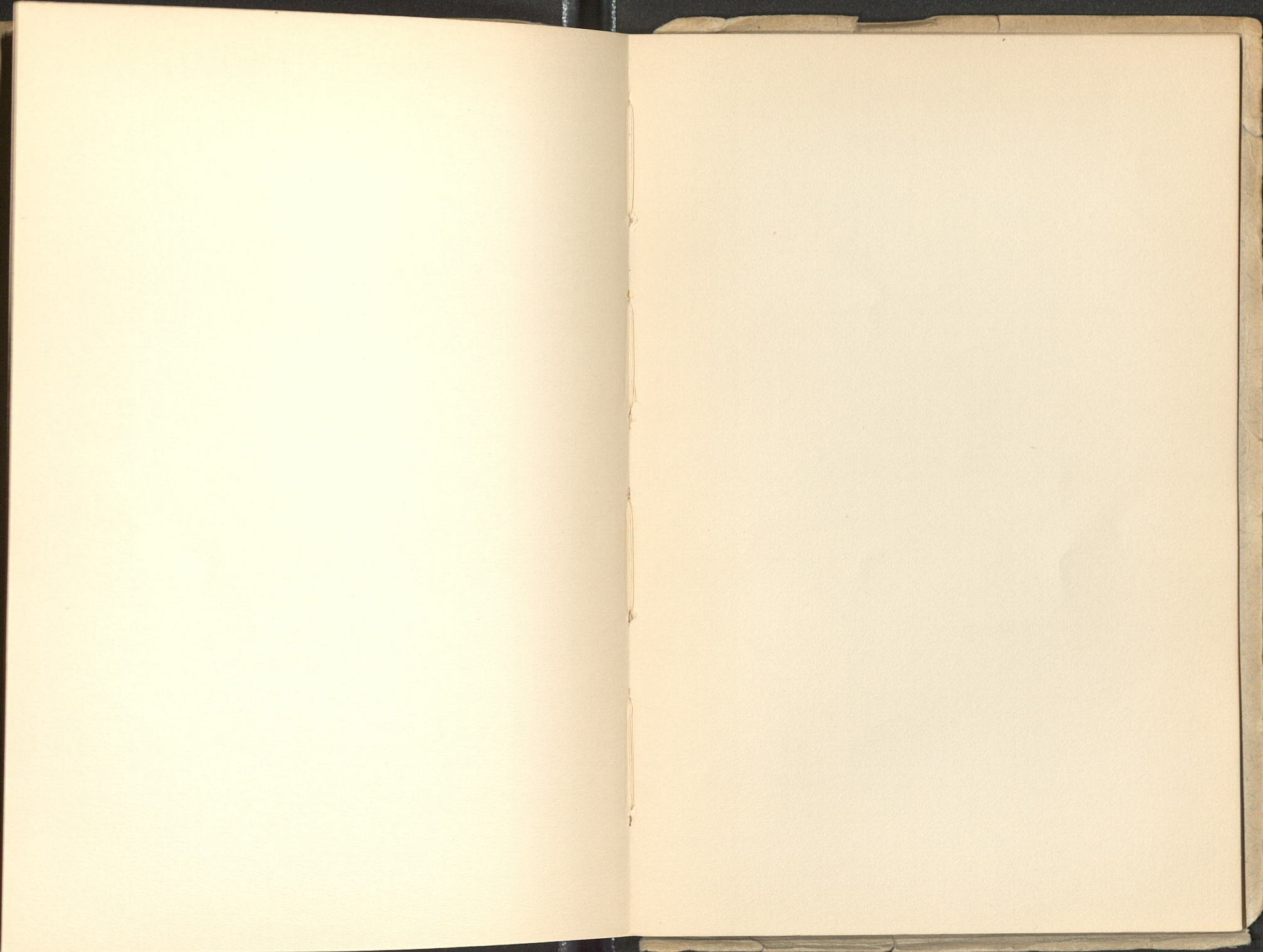
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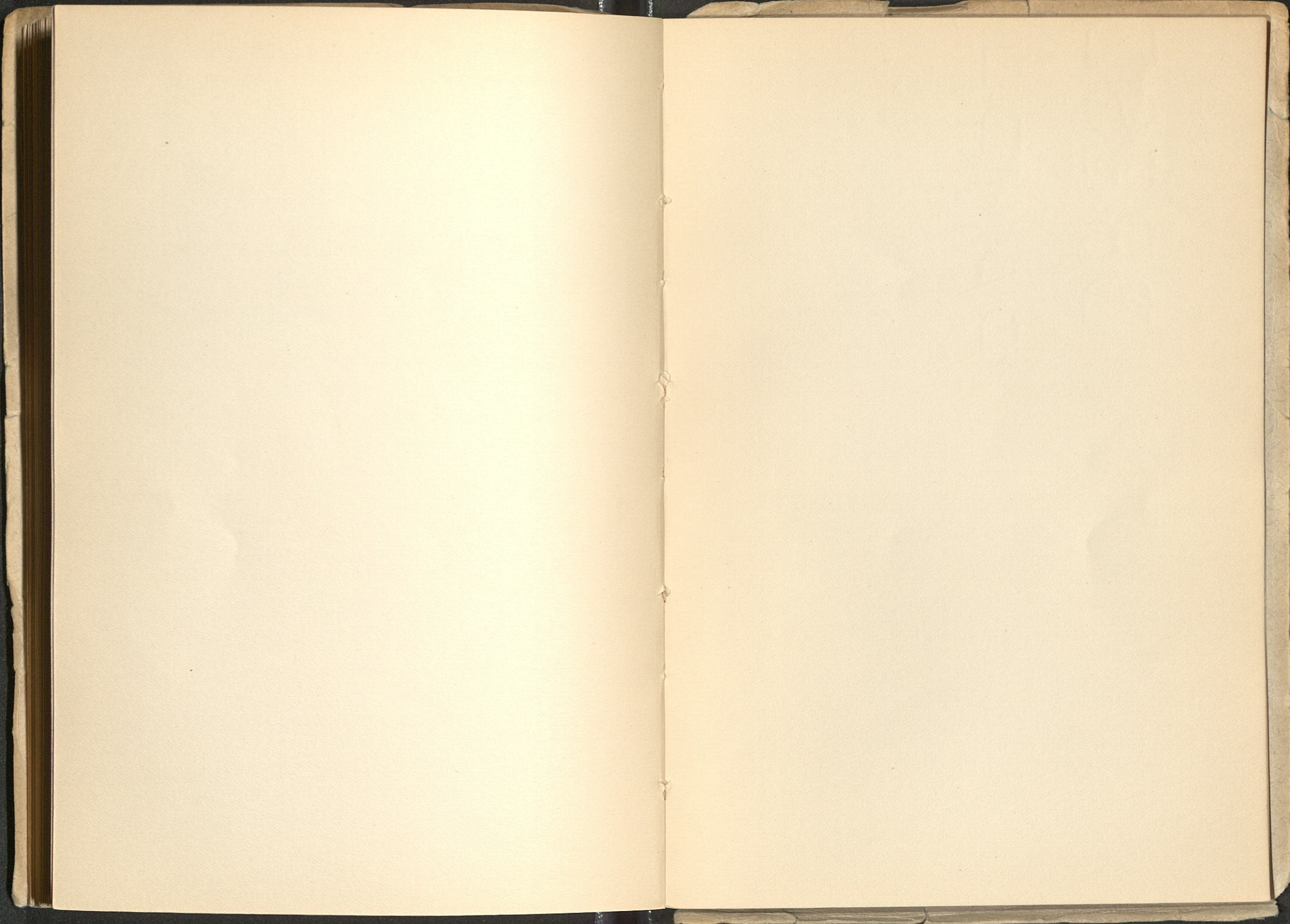
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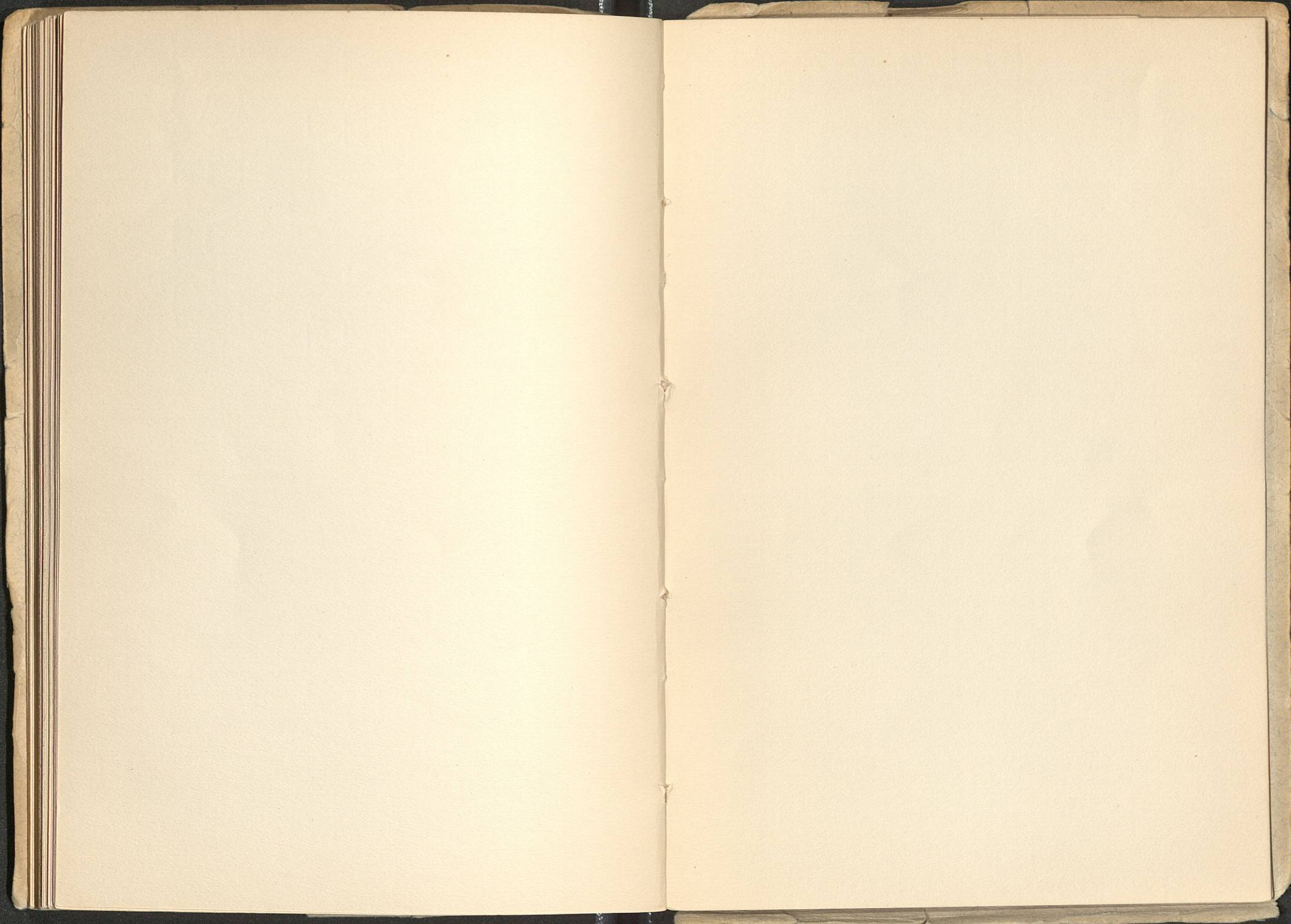
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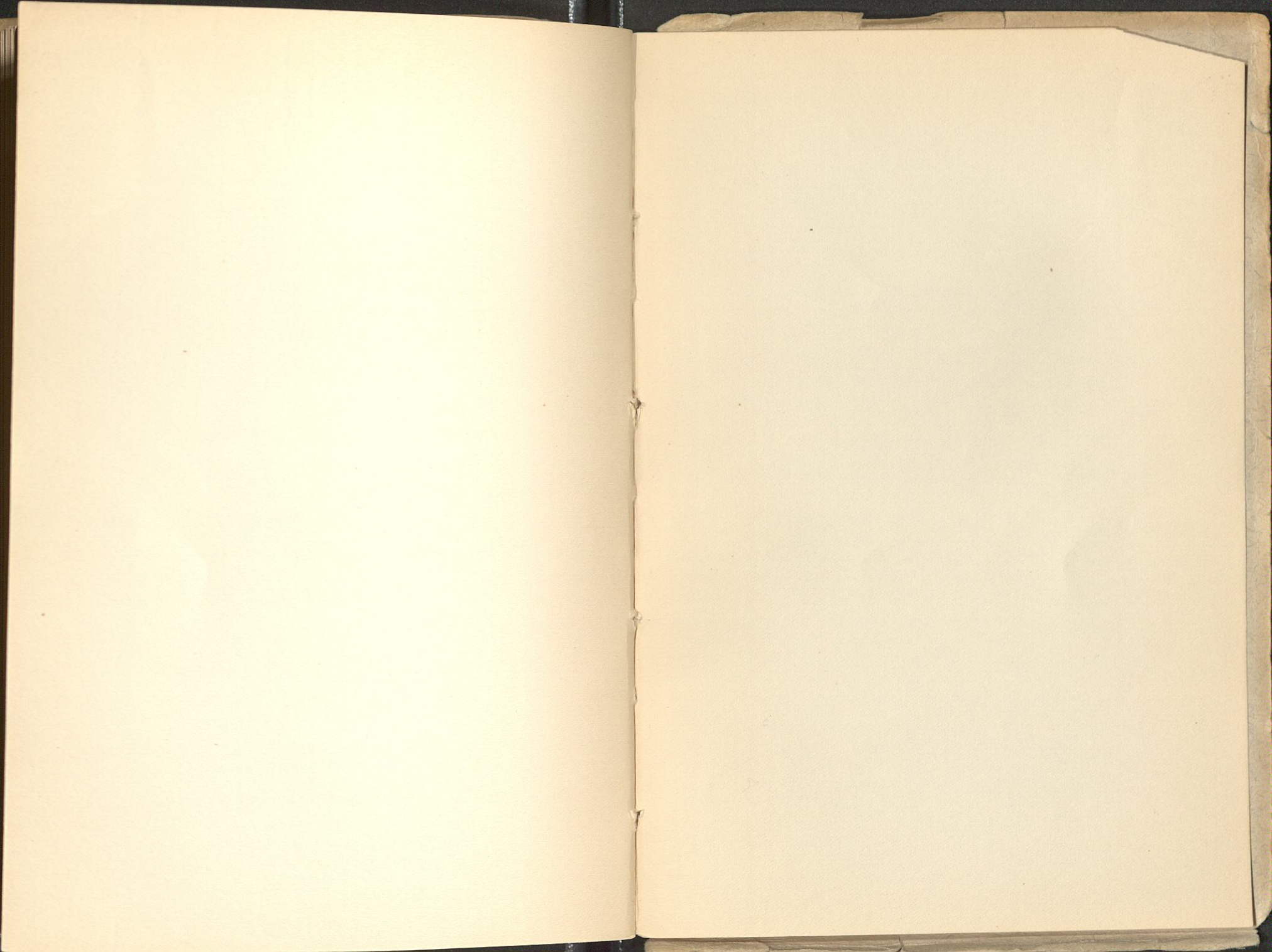
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